

REPLACEMENT SHEET

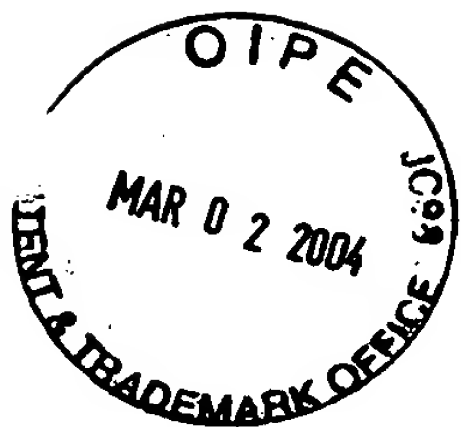
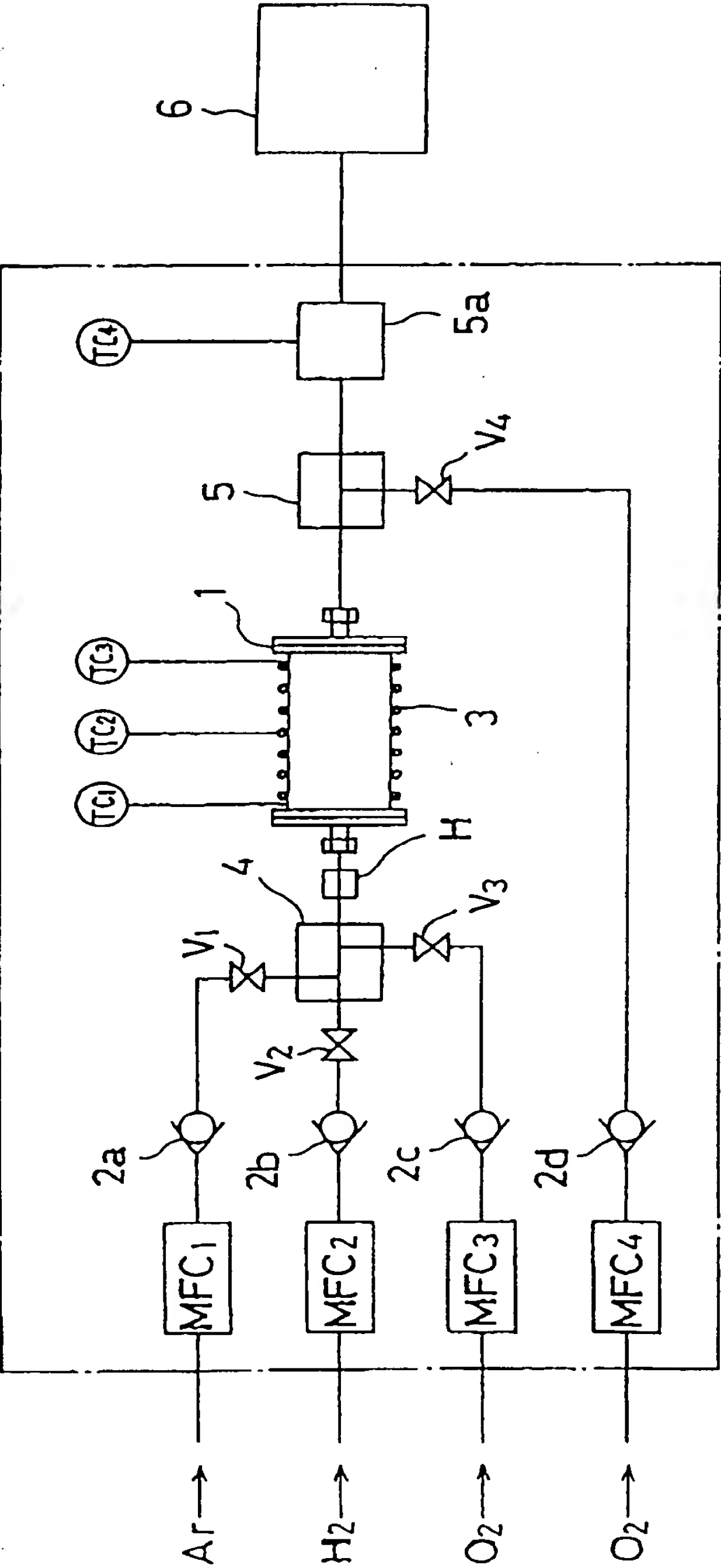


FIG. 1



REPLACEMENT SHEET

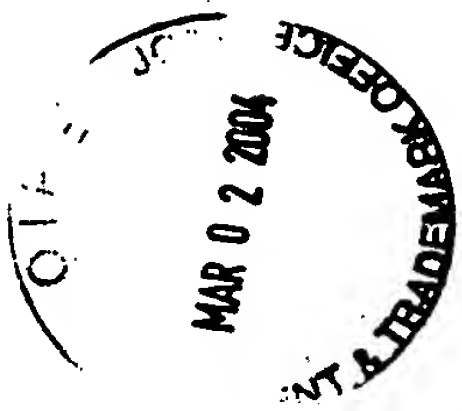


FIG. 2

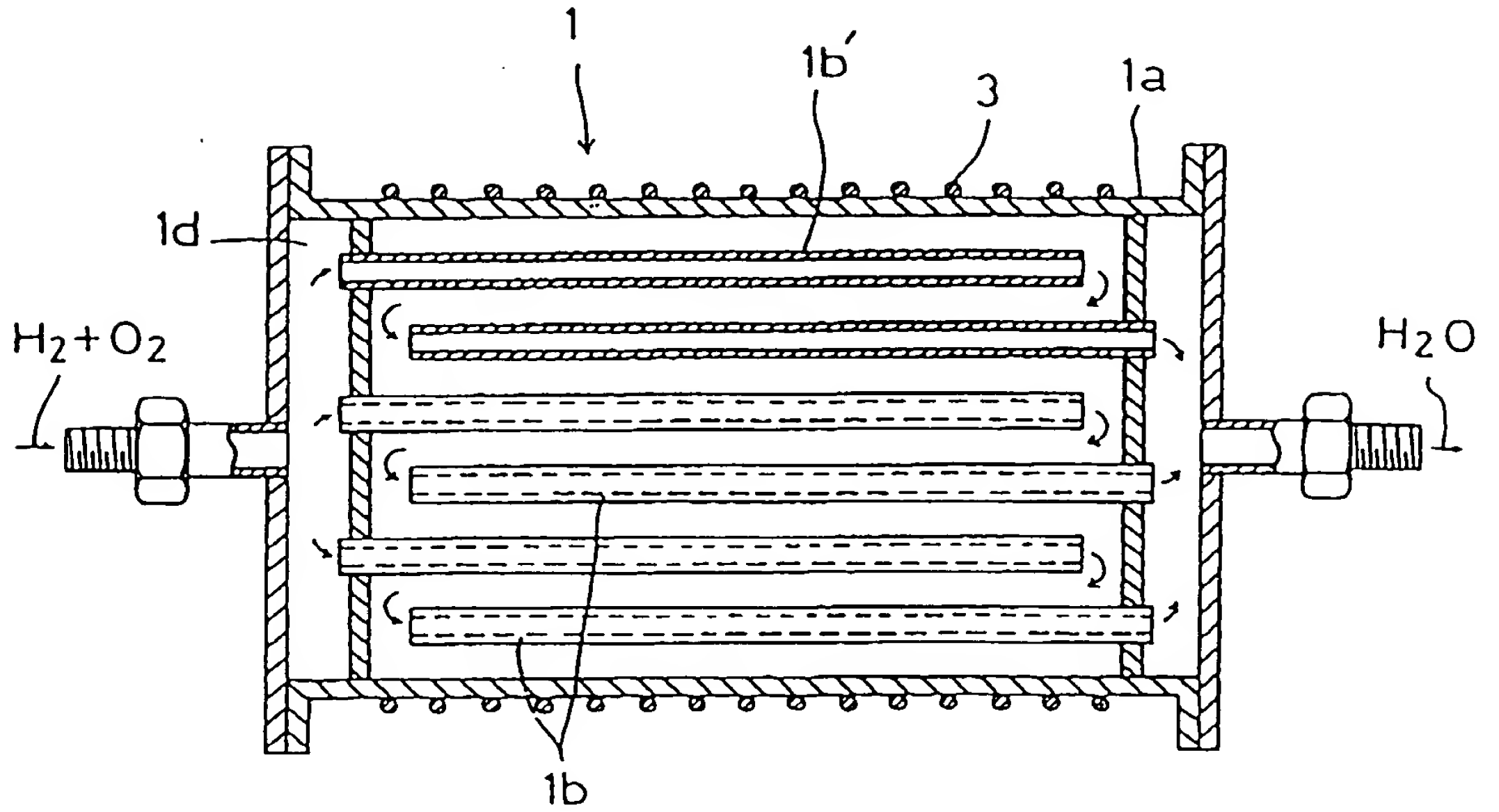
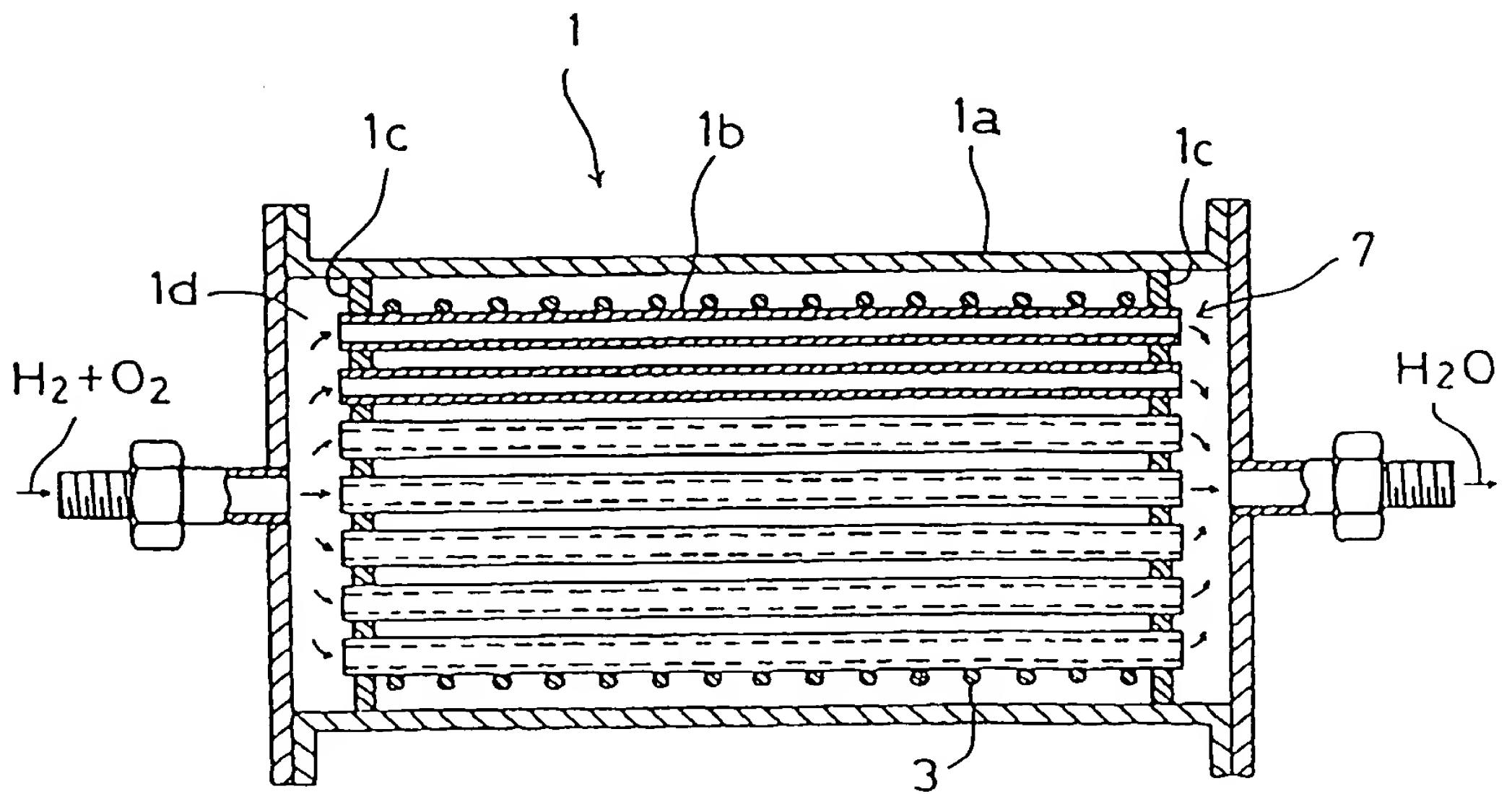


FIG. 3



REPLACEMENT SHEET

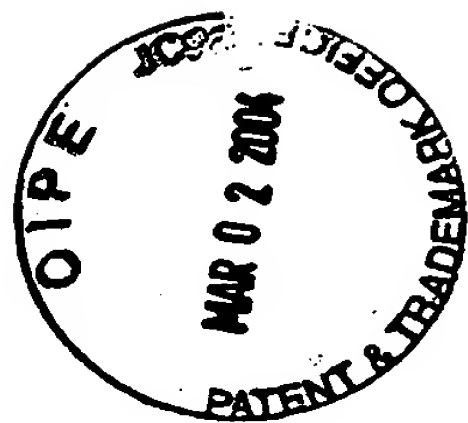


FIG. 4

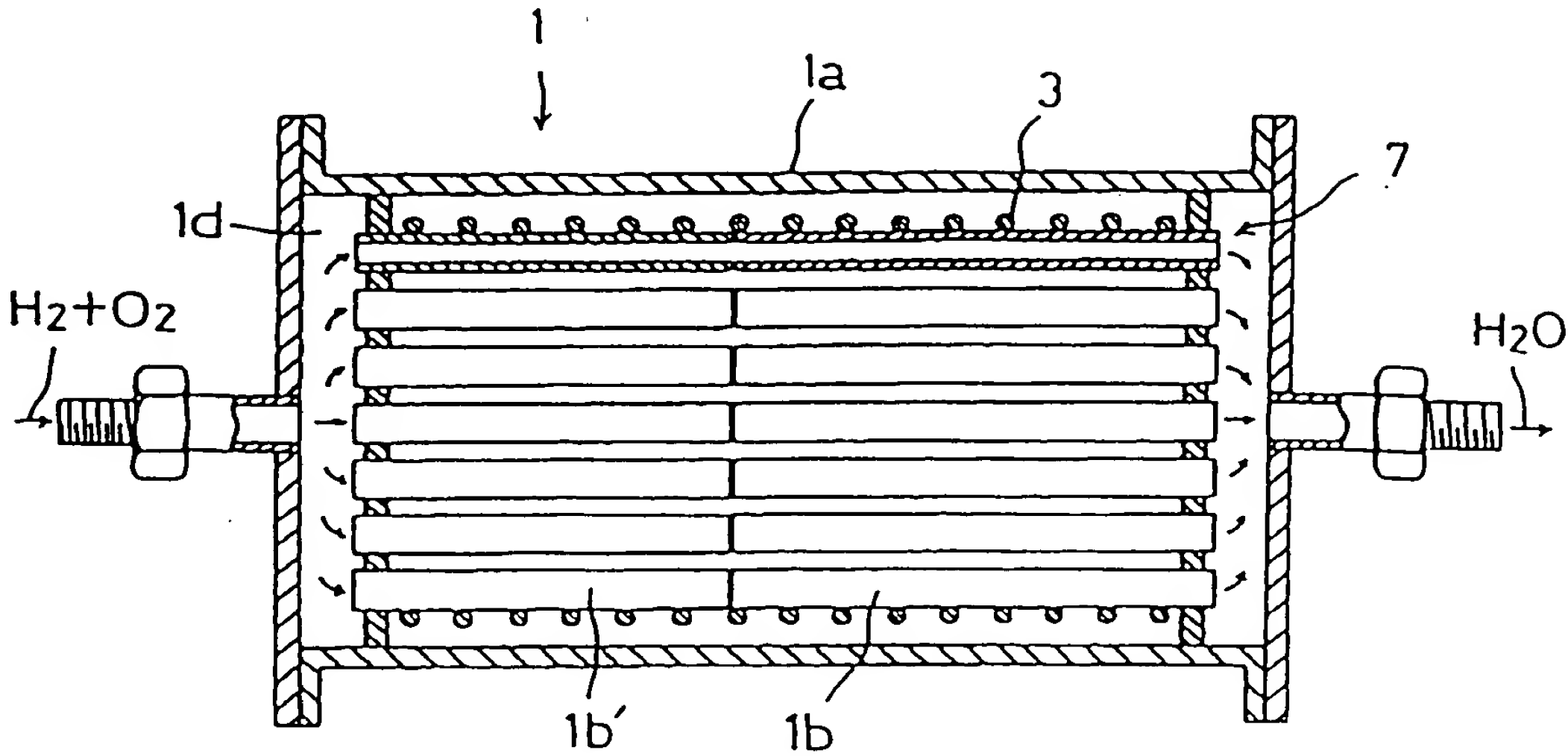
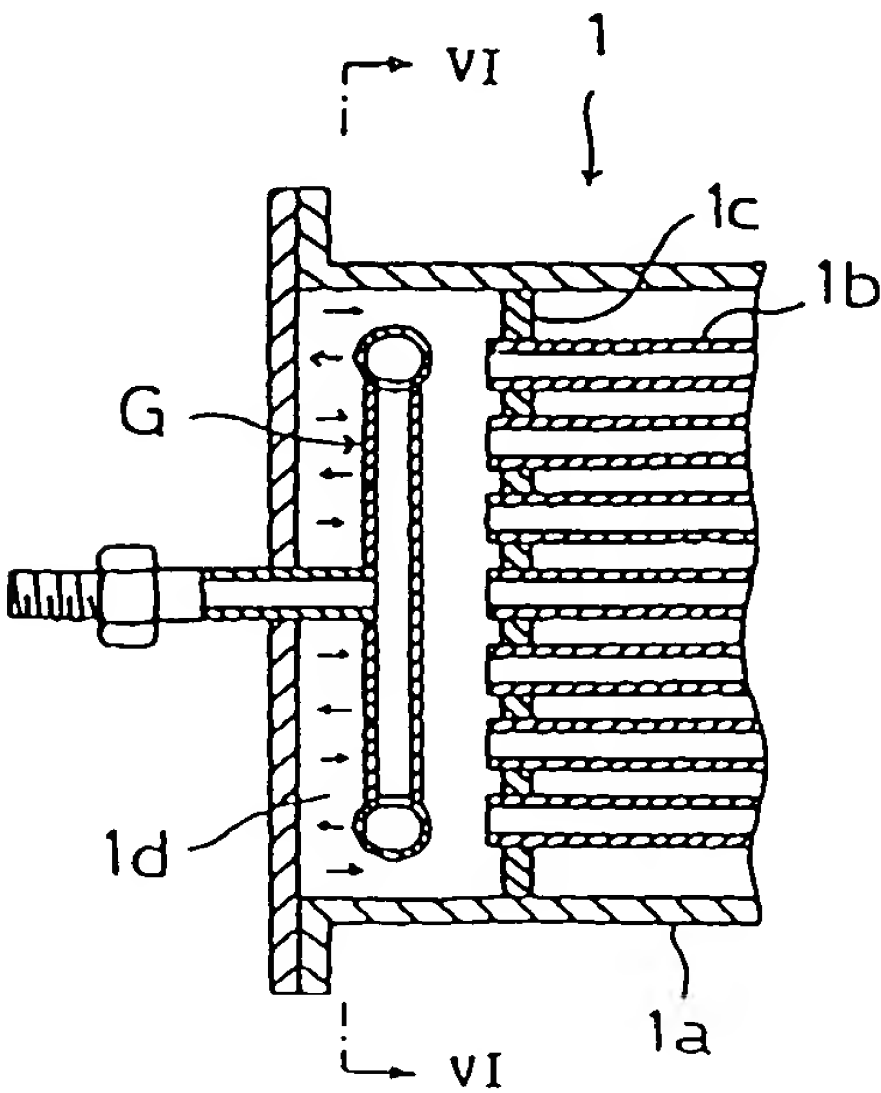


FIG. 5



REPLACEMENT SHEET

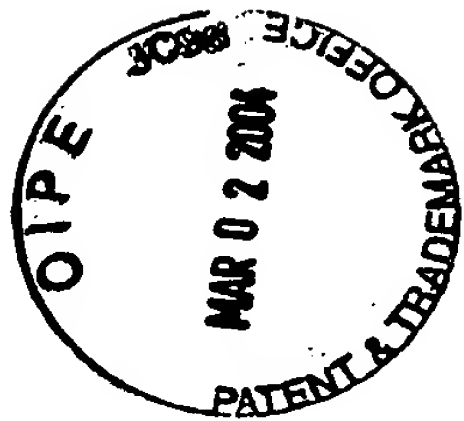


FIG. 6

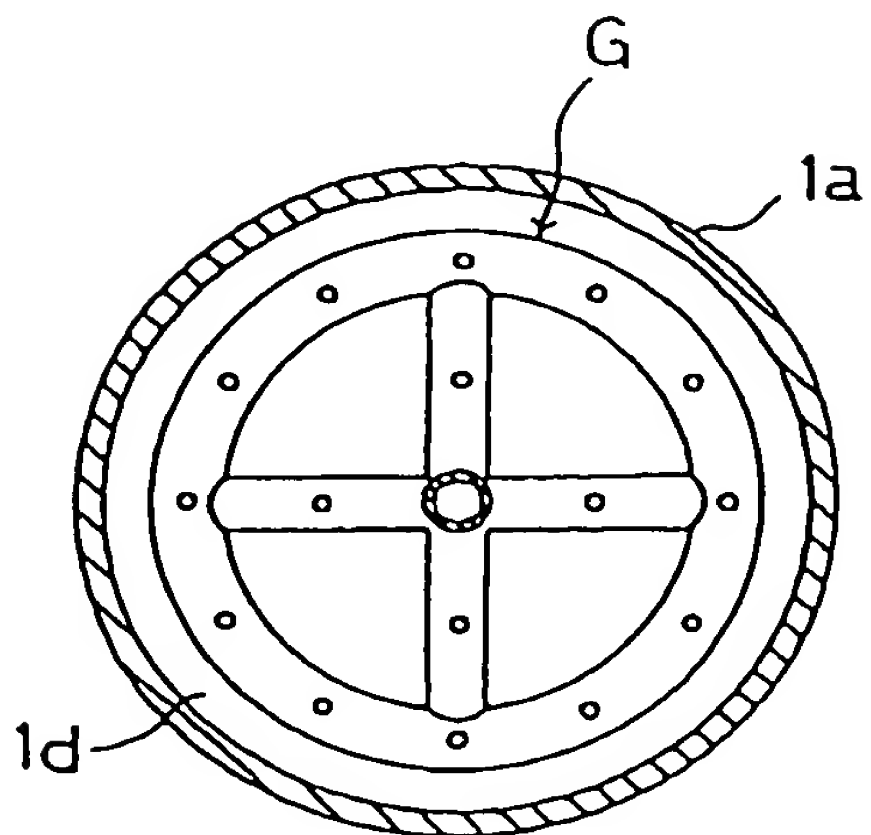


FIG. 7

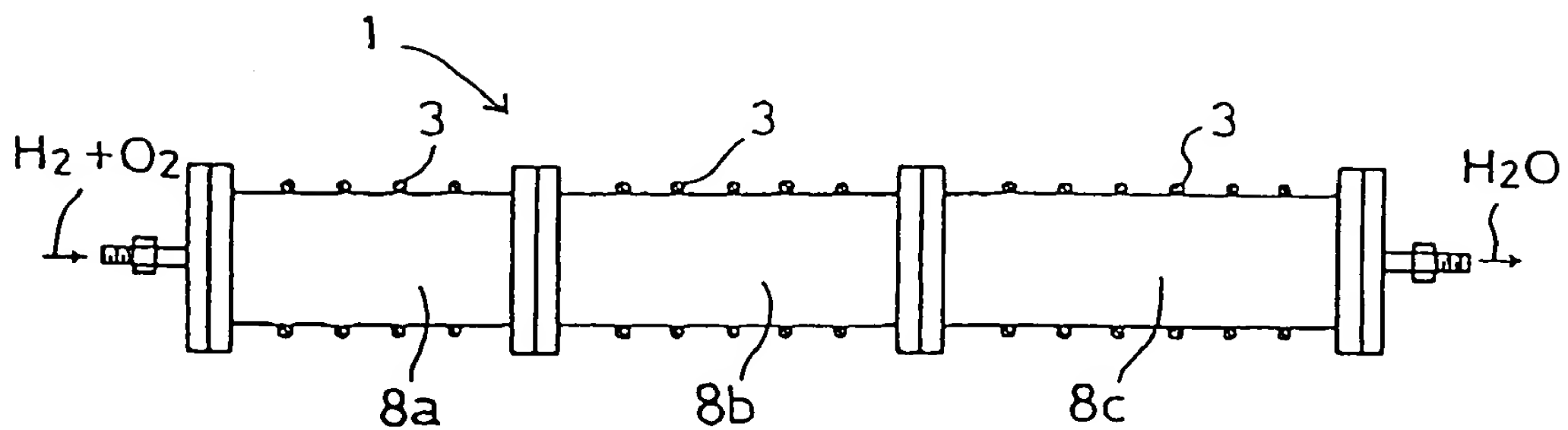
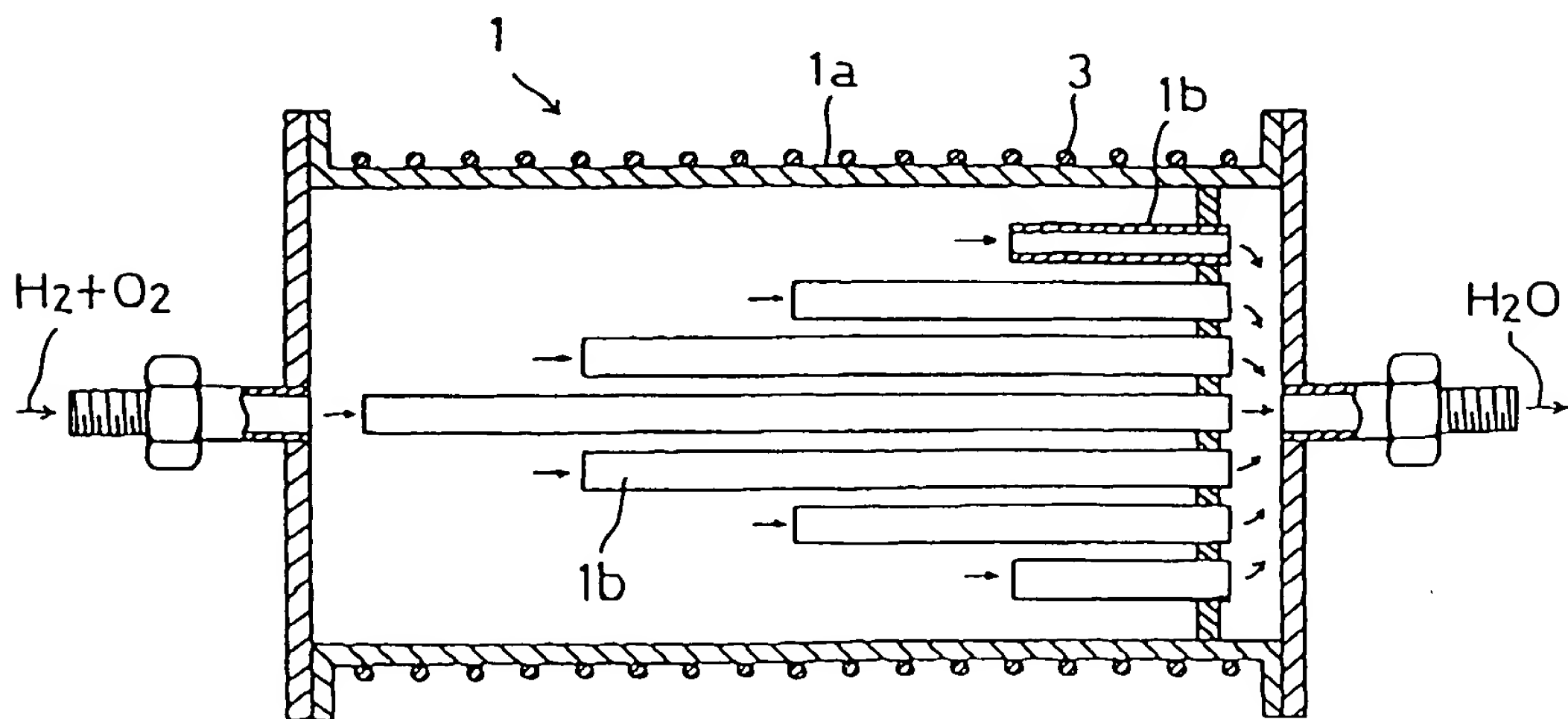


FIG. 8



REPLACEMENT SHEET

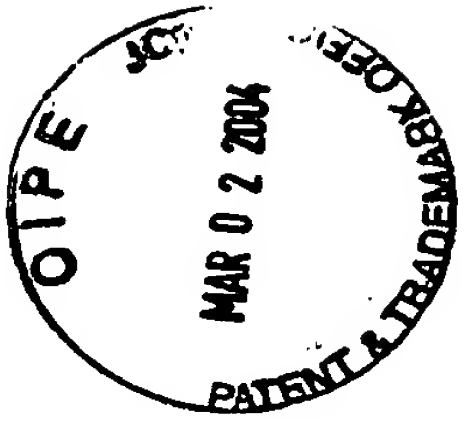


FIG. 9

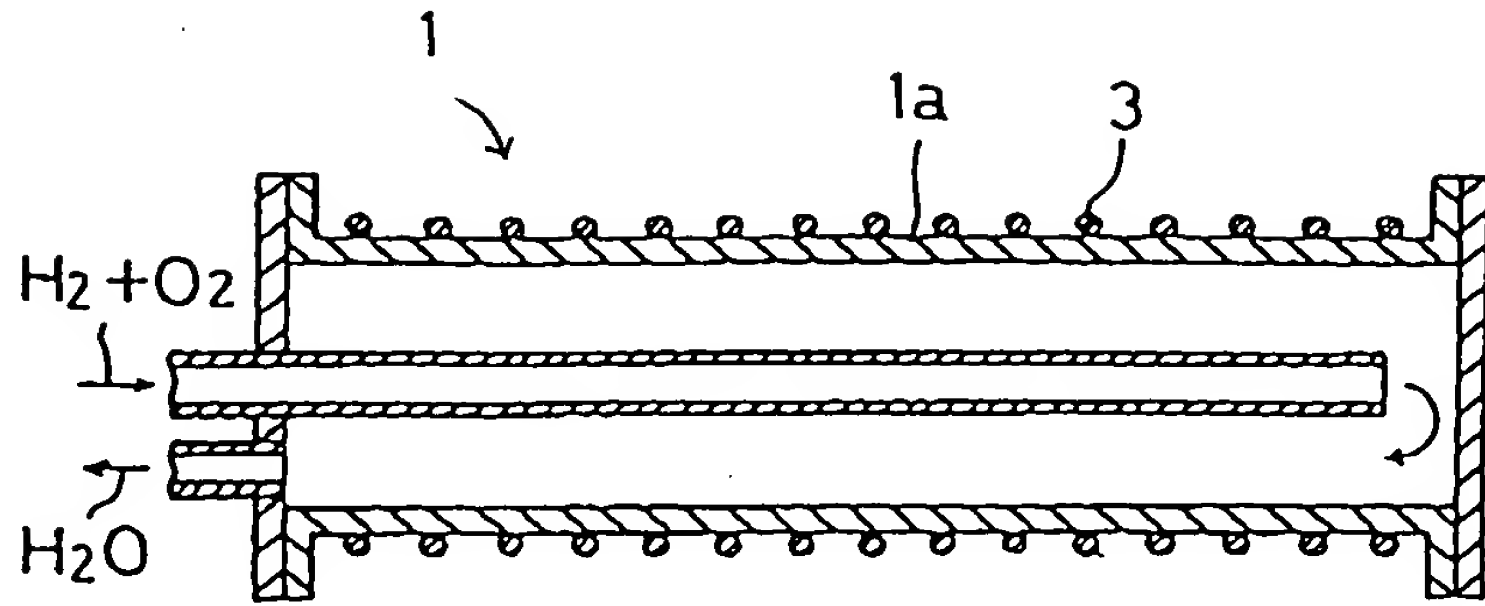


FIG. 10

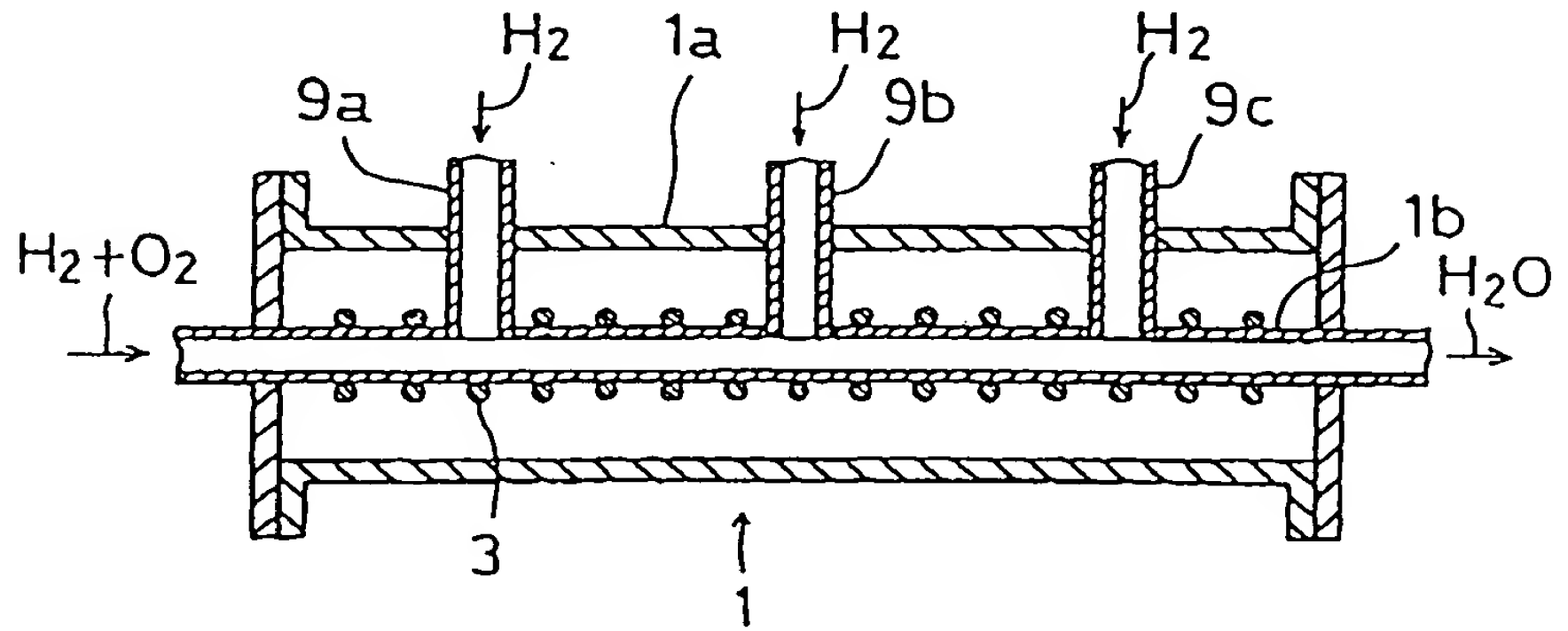
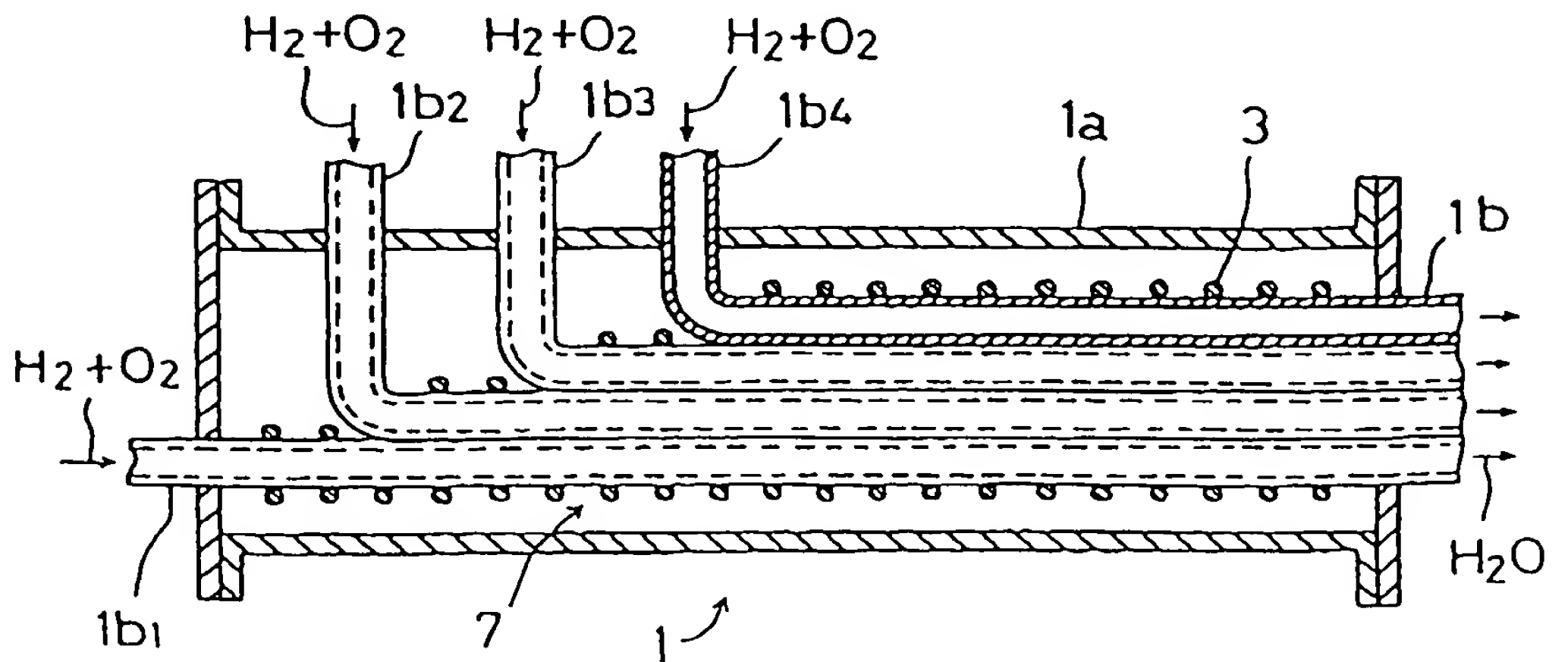


FIG. 11



REPLACEMENT SHEET

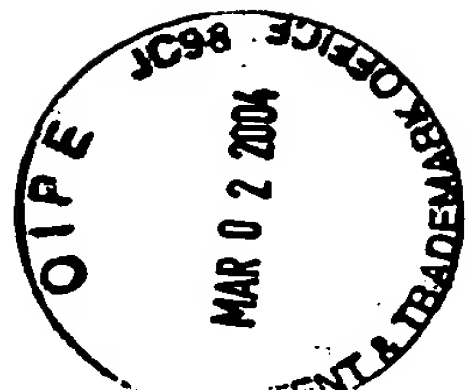


FIG. 12

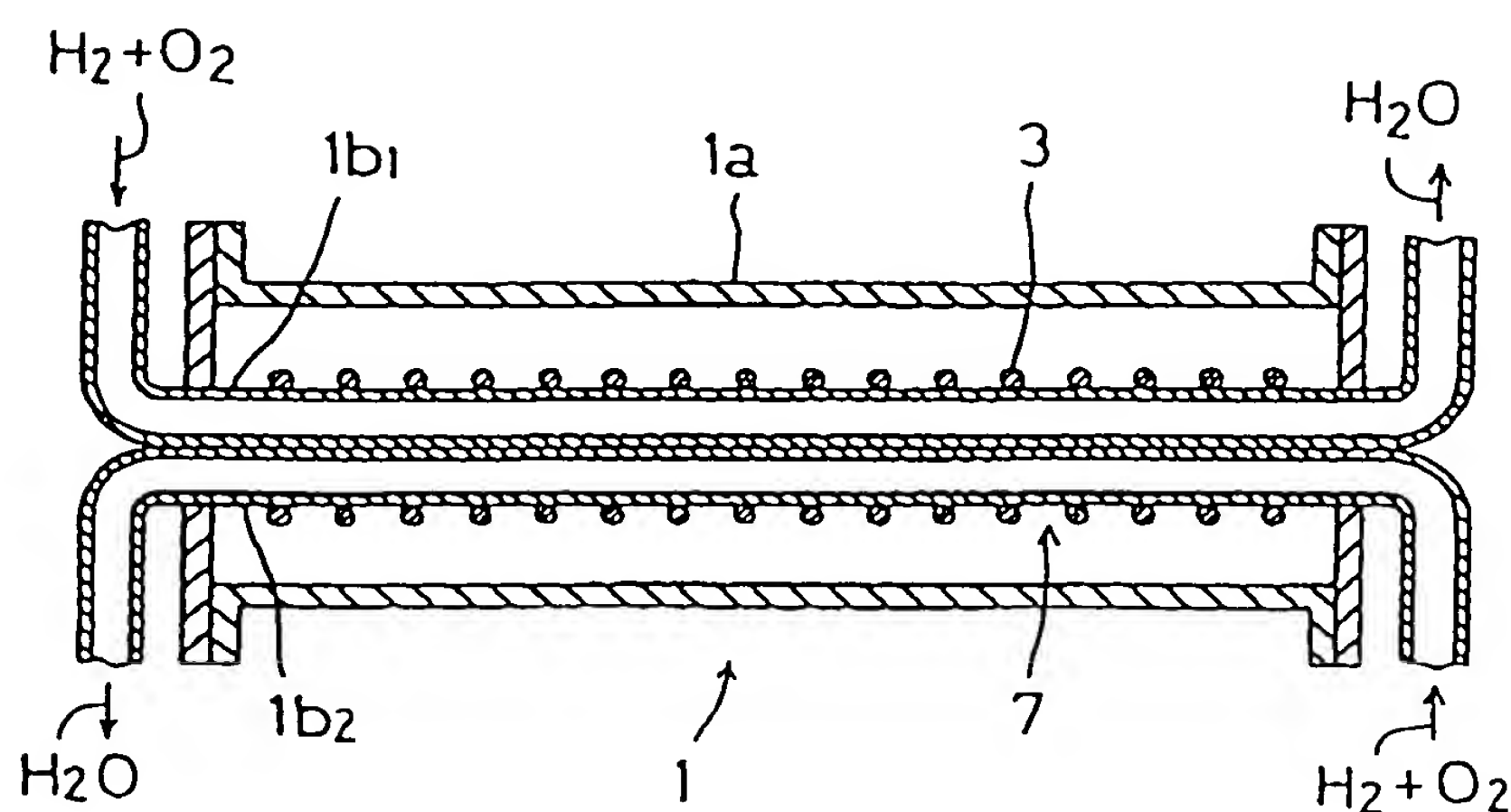
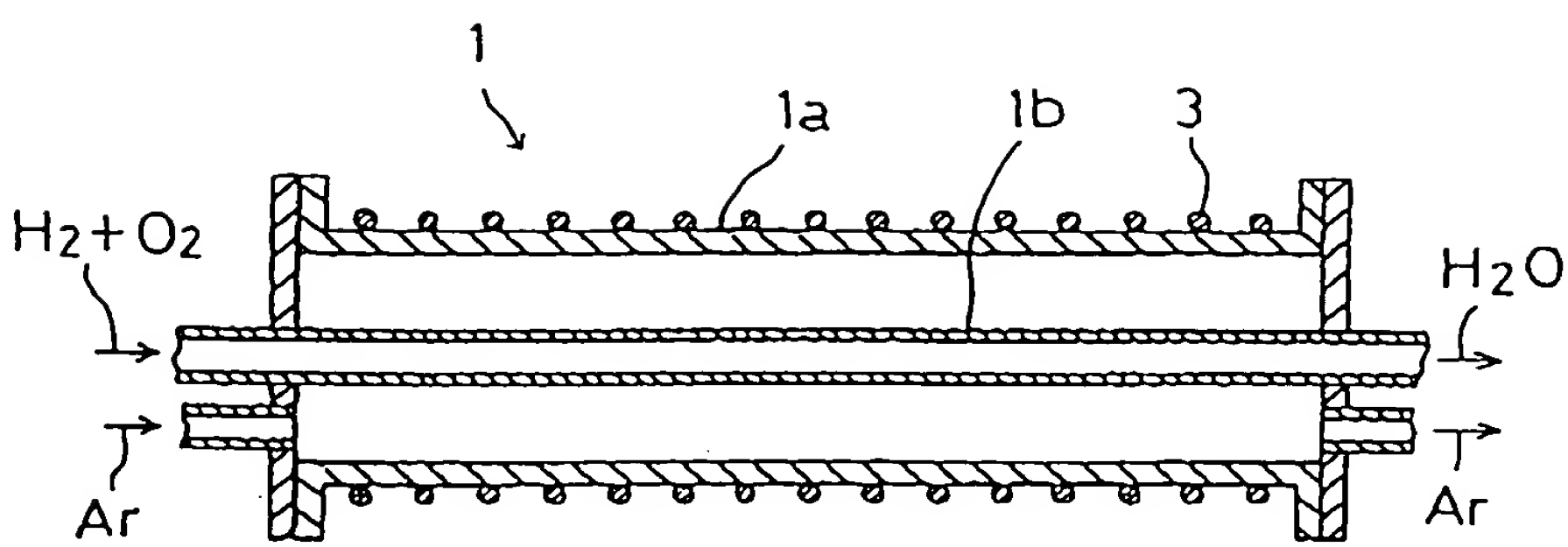


FIG. 13



REPLACEMENT SHEET

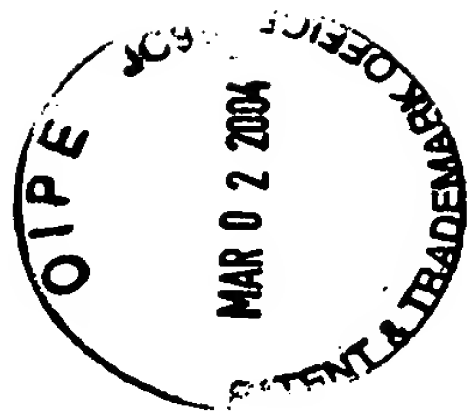
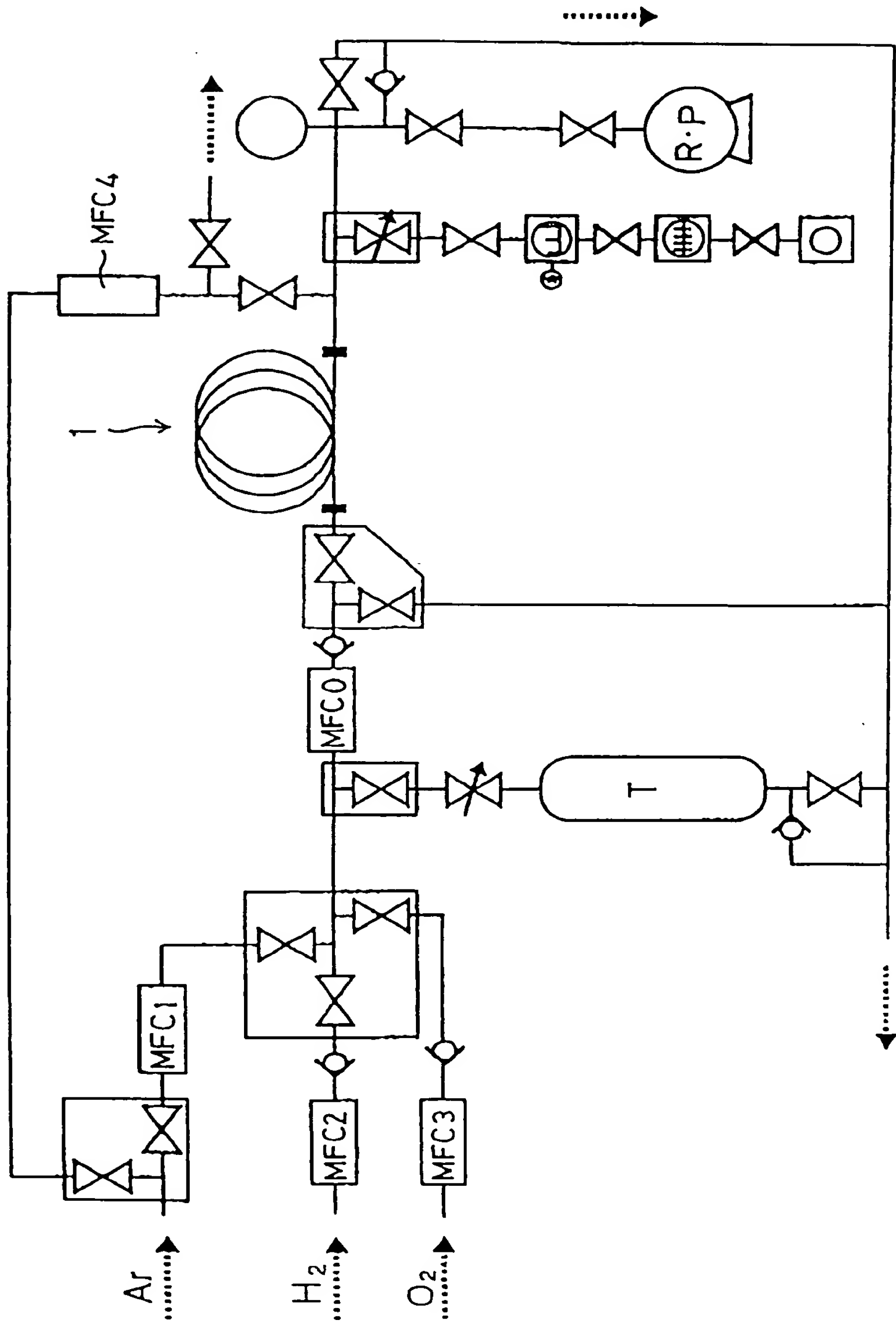


FIG. 1A



REPLACEMENT SHEET

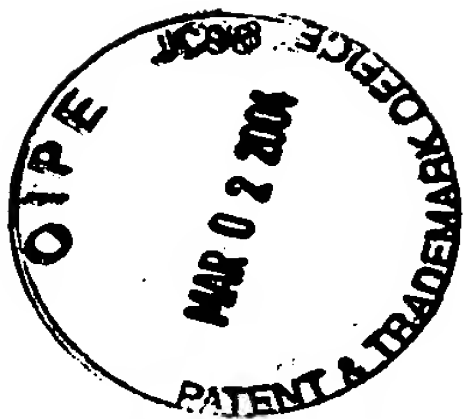


FIG. 15

$H_2 : O_2 = 67\% : 33\%$, 25scc/min

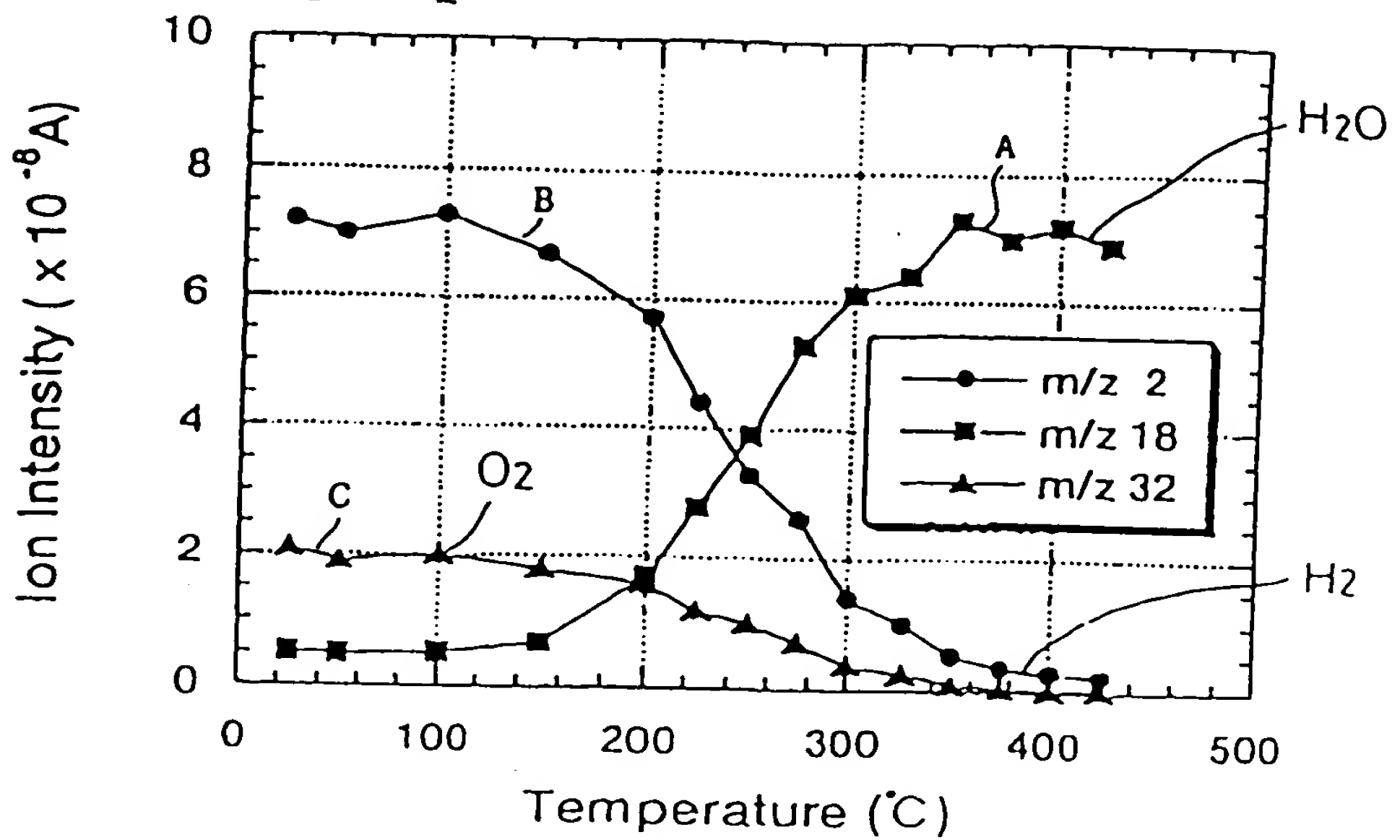
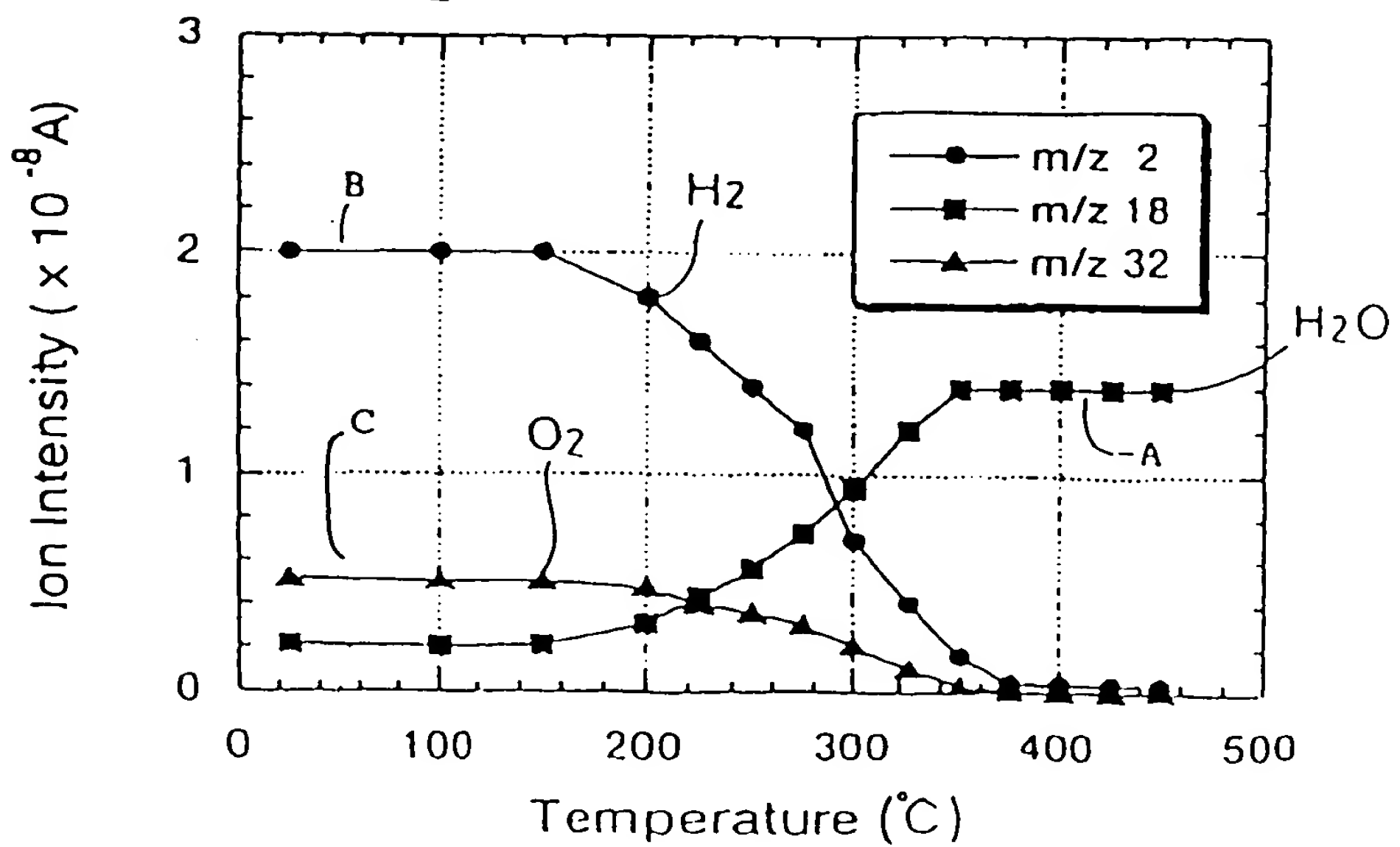


FIG. 16

$H_2 : O_2 = 20\% : 10\%$, 75scc/min



REPLACEMENT SHEET

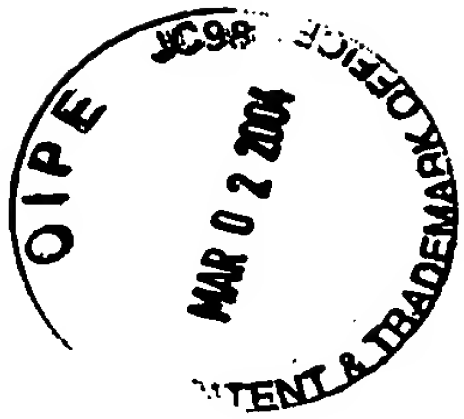


FIG. 17

$H_2 : O_2 = 75\% : 25\%$, 25scc/min

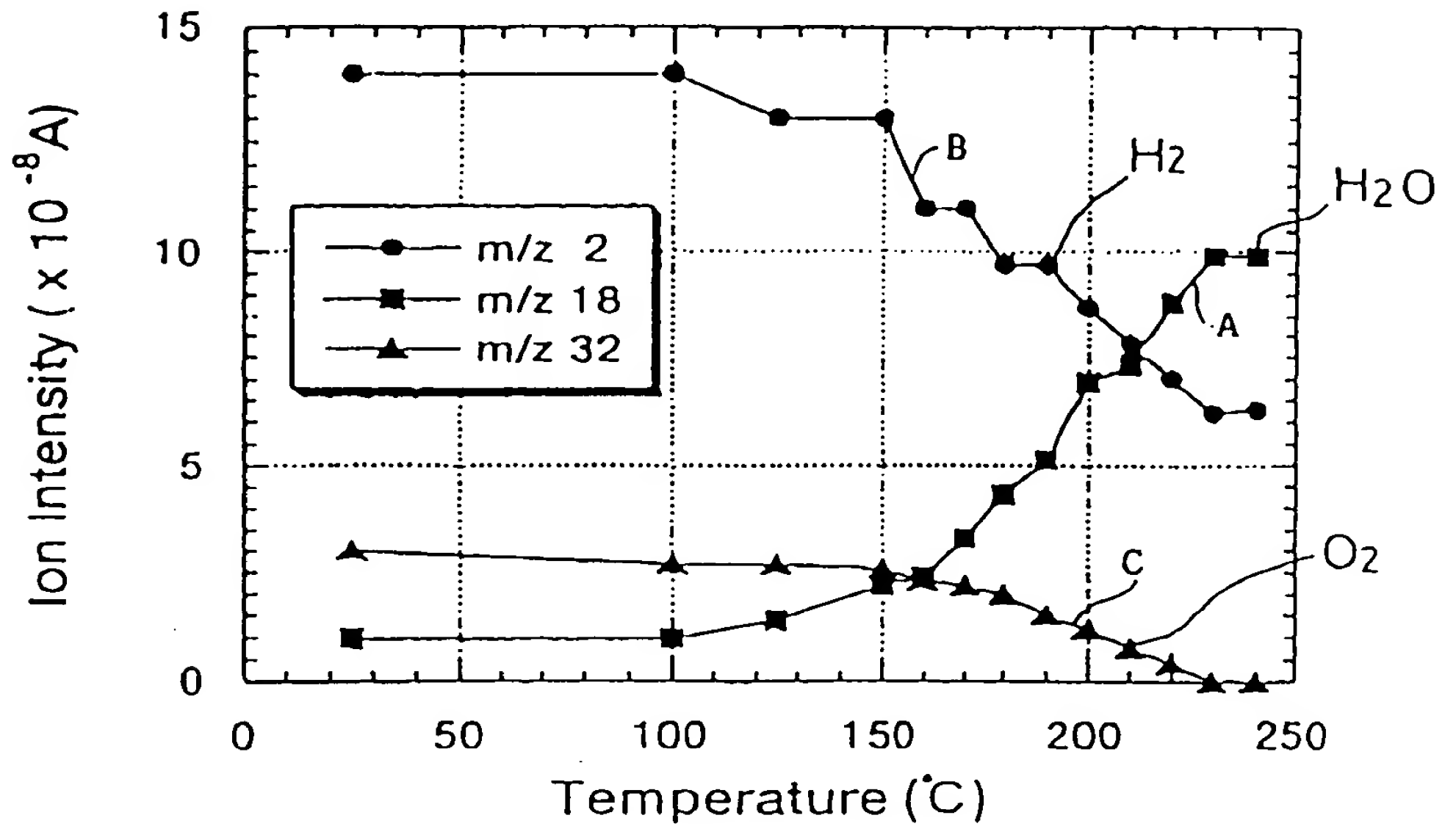
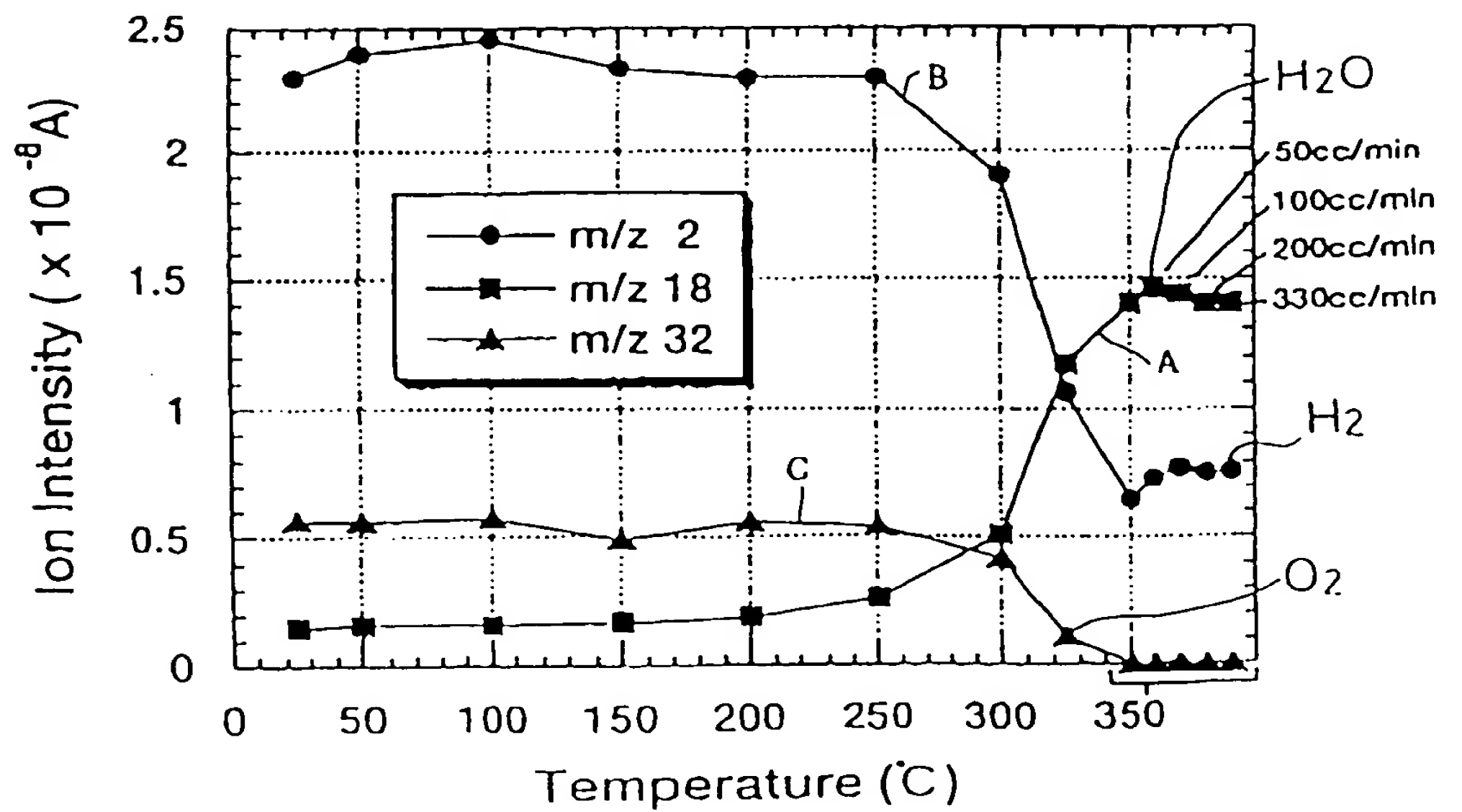


FIG. 18

$H_2 : O_2 = 30\% : 10\%$, 25scc/min



REPLACEMENT SHEET

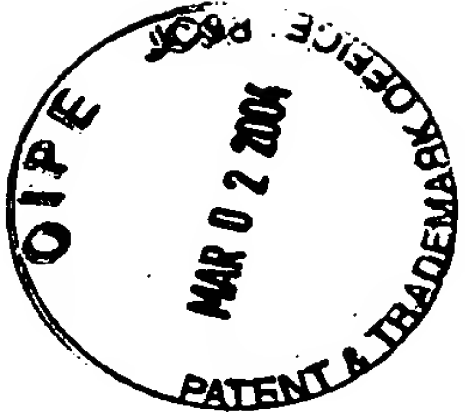


FIG. 19

Ni Tube (1/4 inch x 2m) , 500°C

$H_2 : O_2 = 67\% : 33\%$

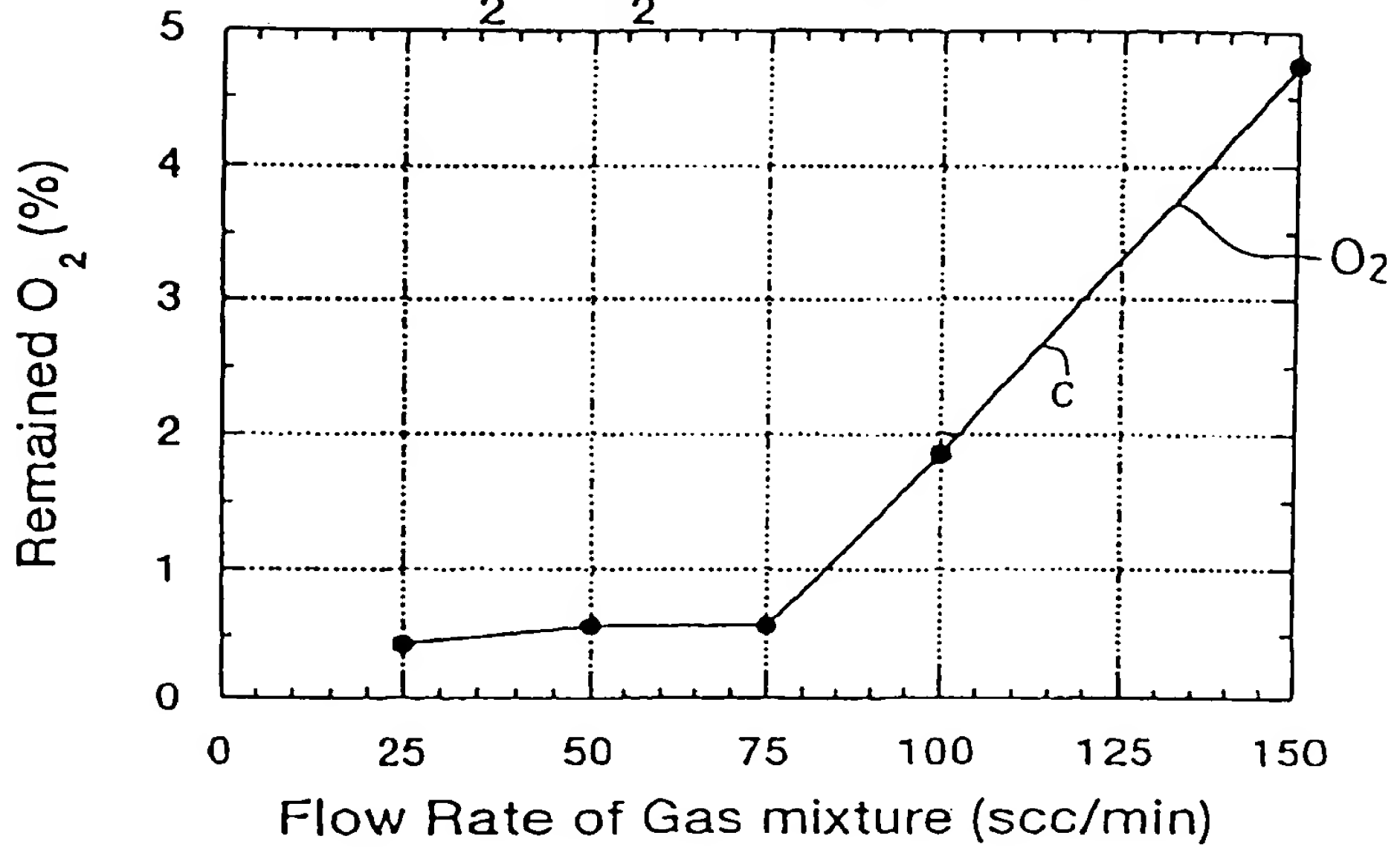
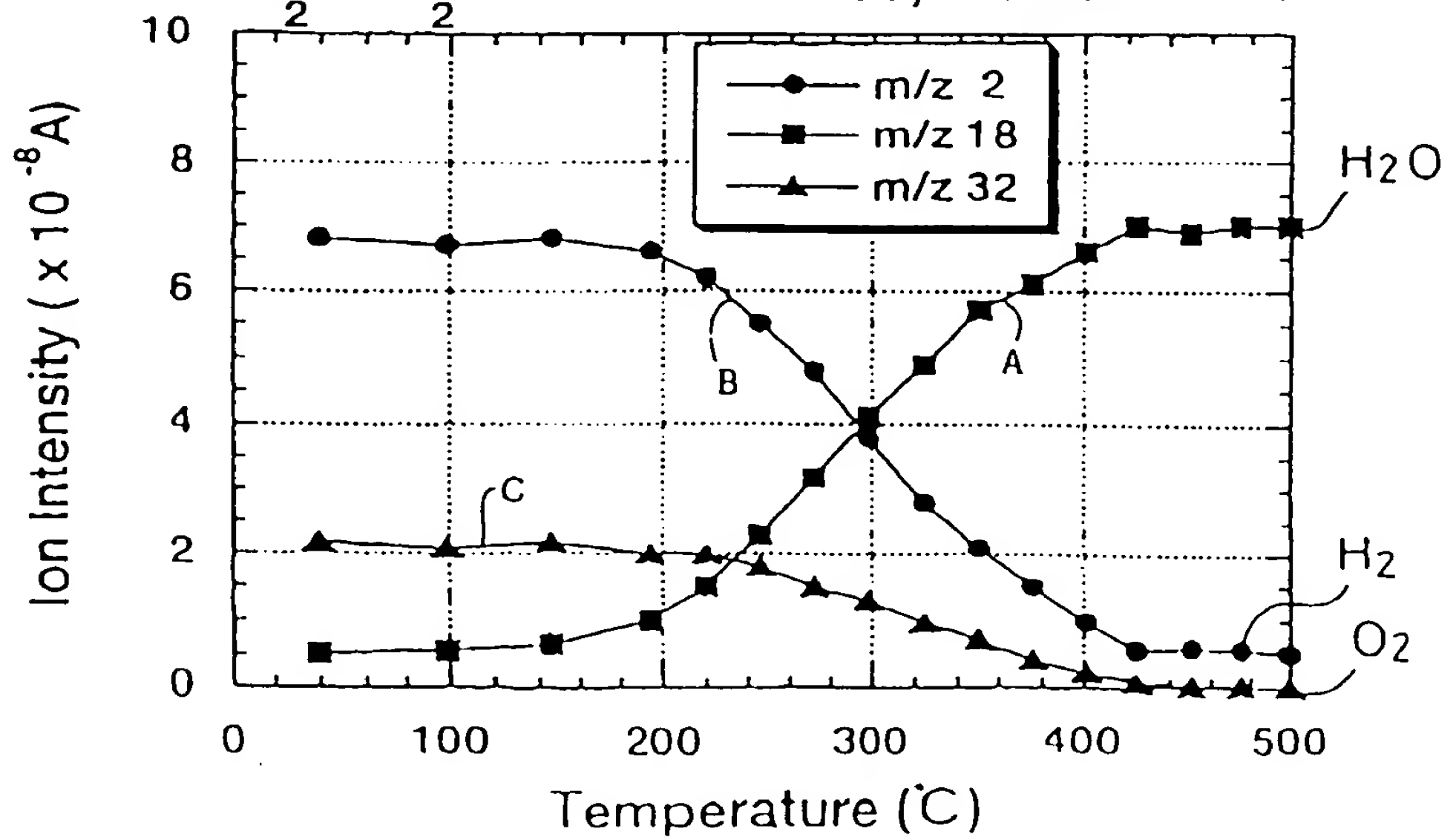


FIG. 20

Ni Filter

$H_2 : O_2 = 67\% : 33\%$, 25scc/min



REPLACEMENT SHEET

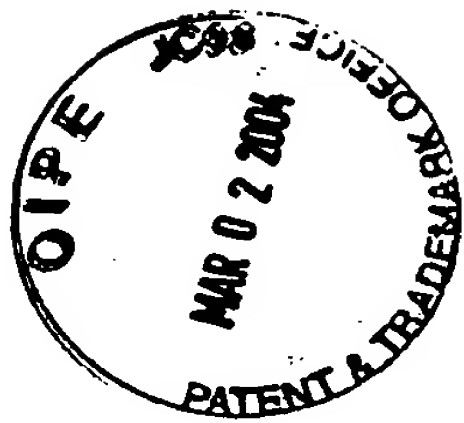
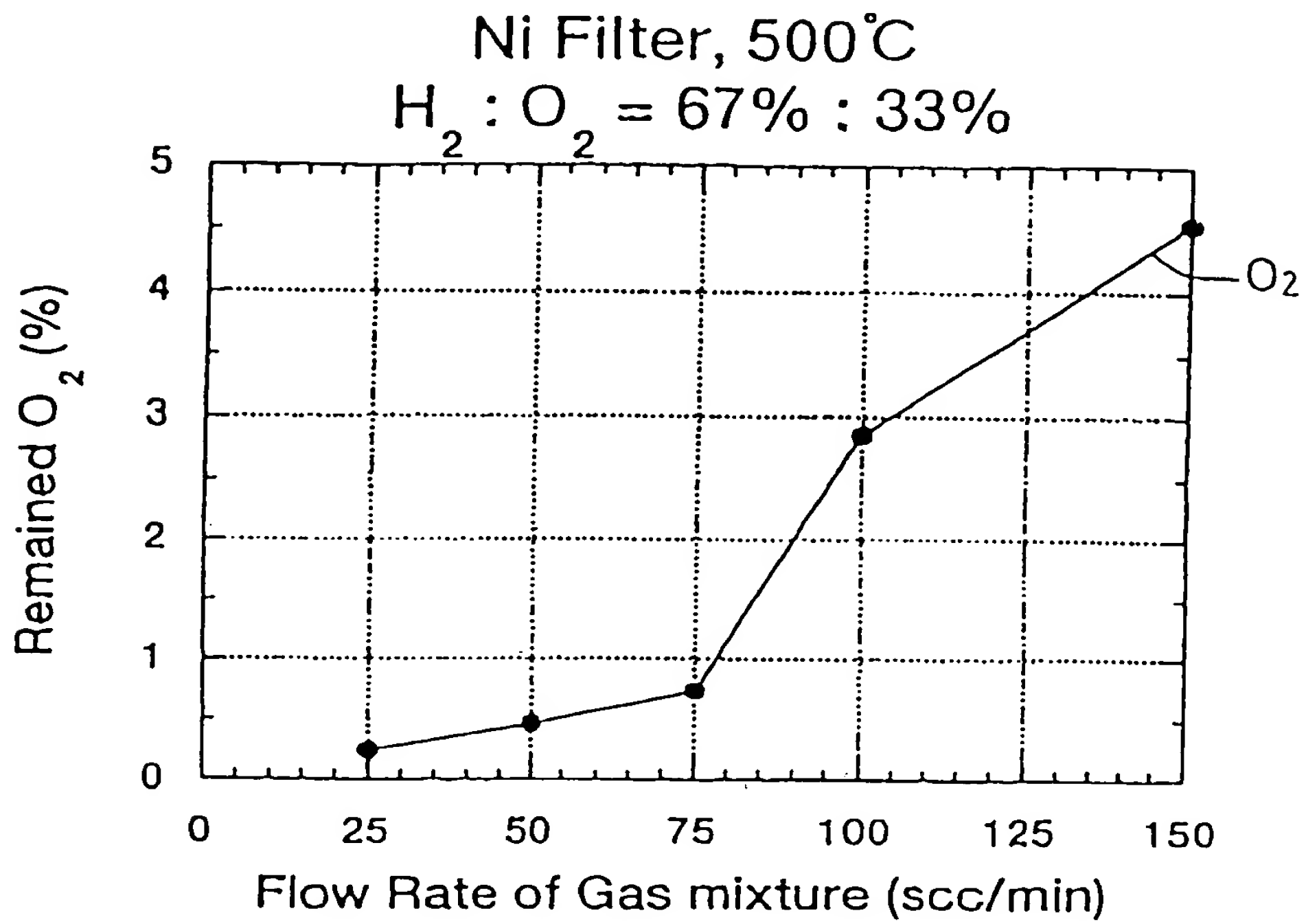


FIG. 21



REPLACEMENT SHEET

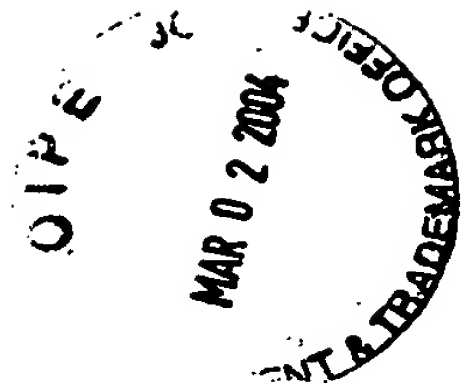
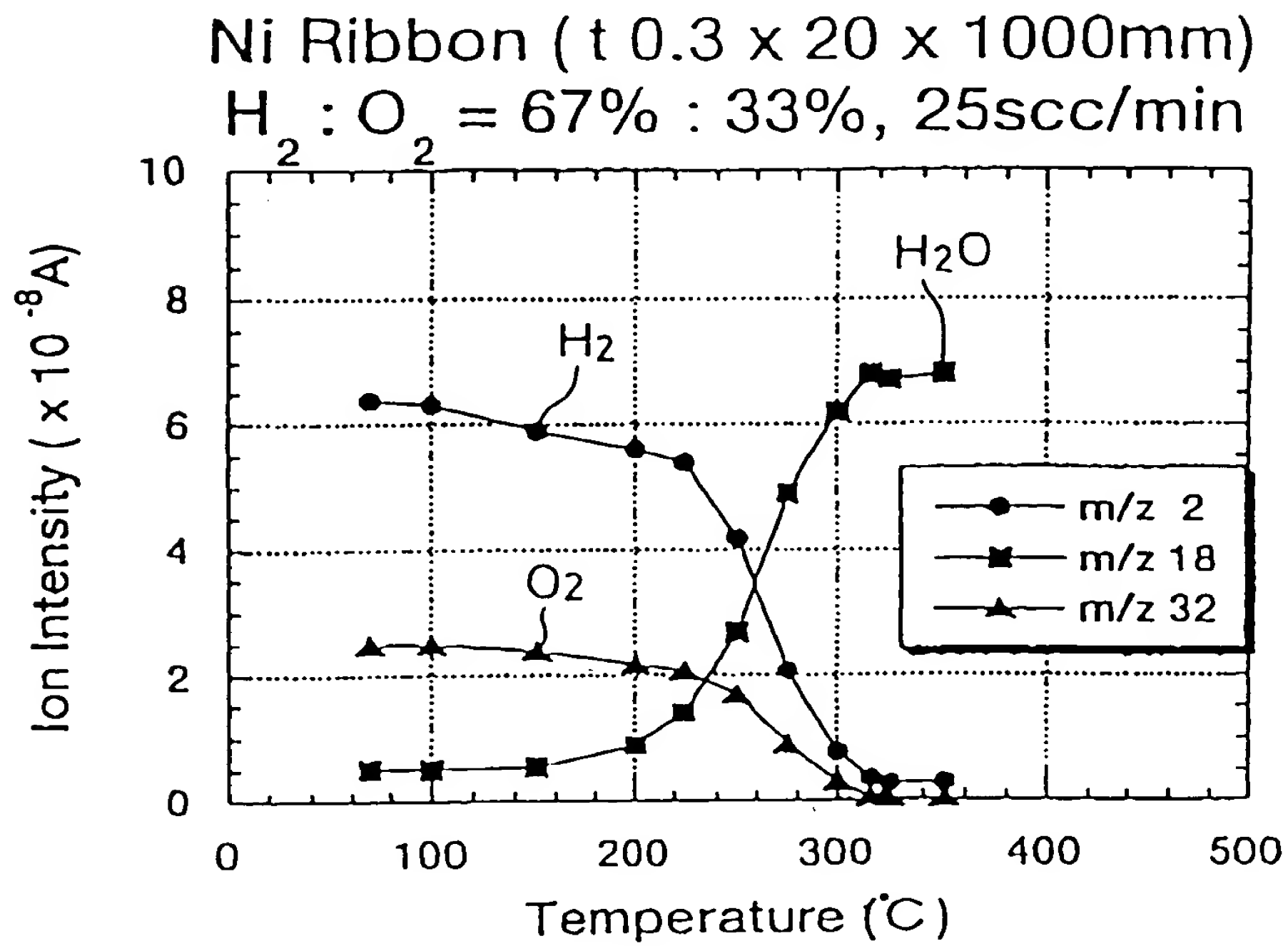


FIG. 22



REPLACEMENT SHEET

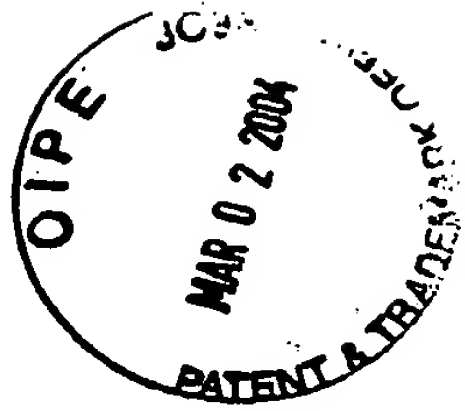


FIG. 23

Ni Ribbon (t 0.3 x 20 x 1000mm) , 500°C
 $H_2 : O_2 = 67\% : 33\%$

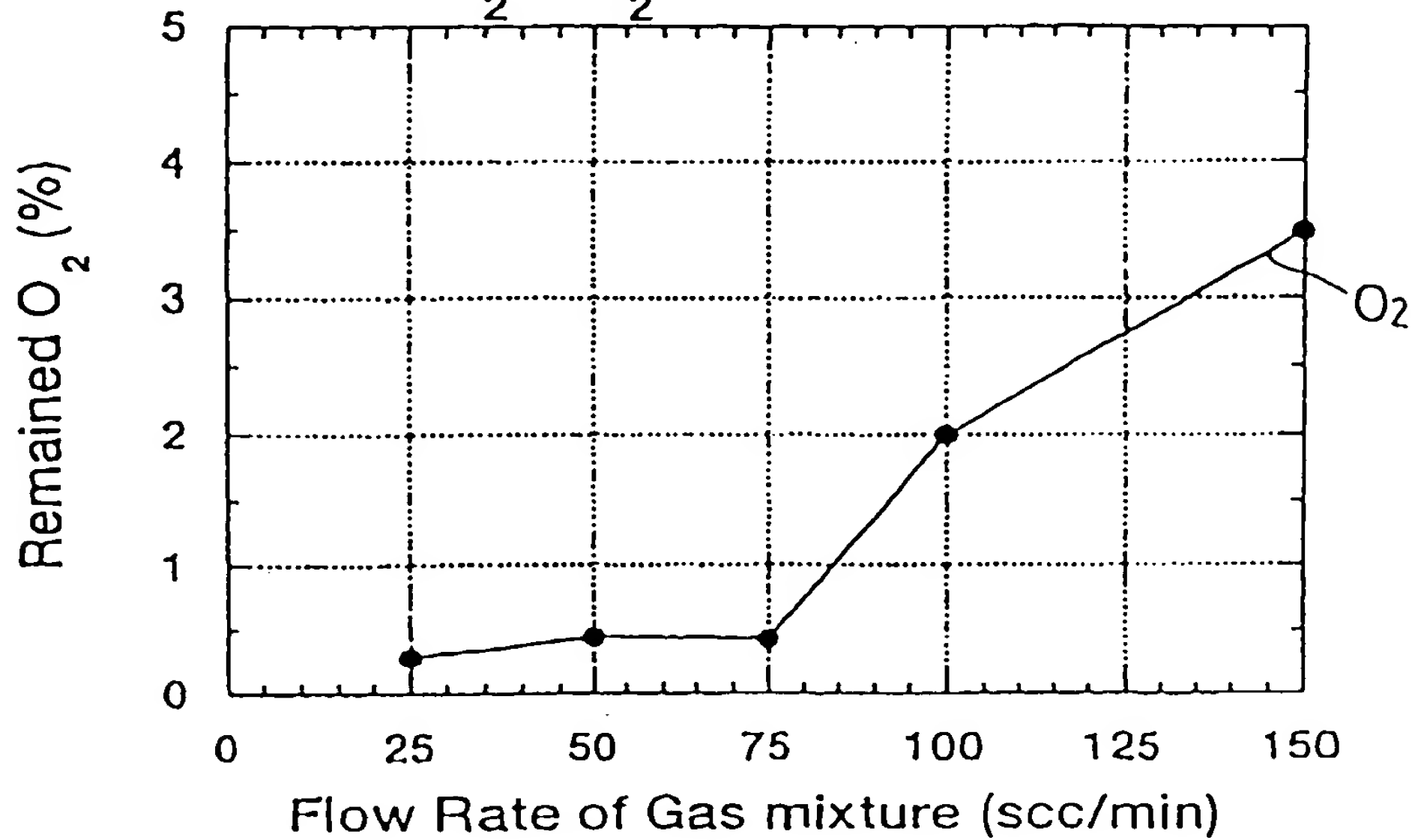
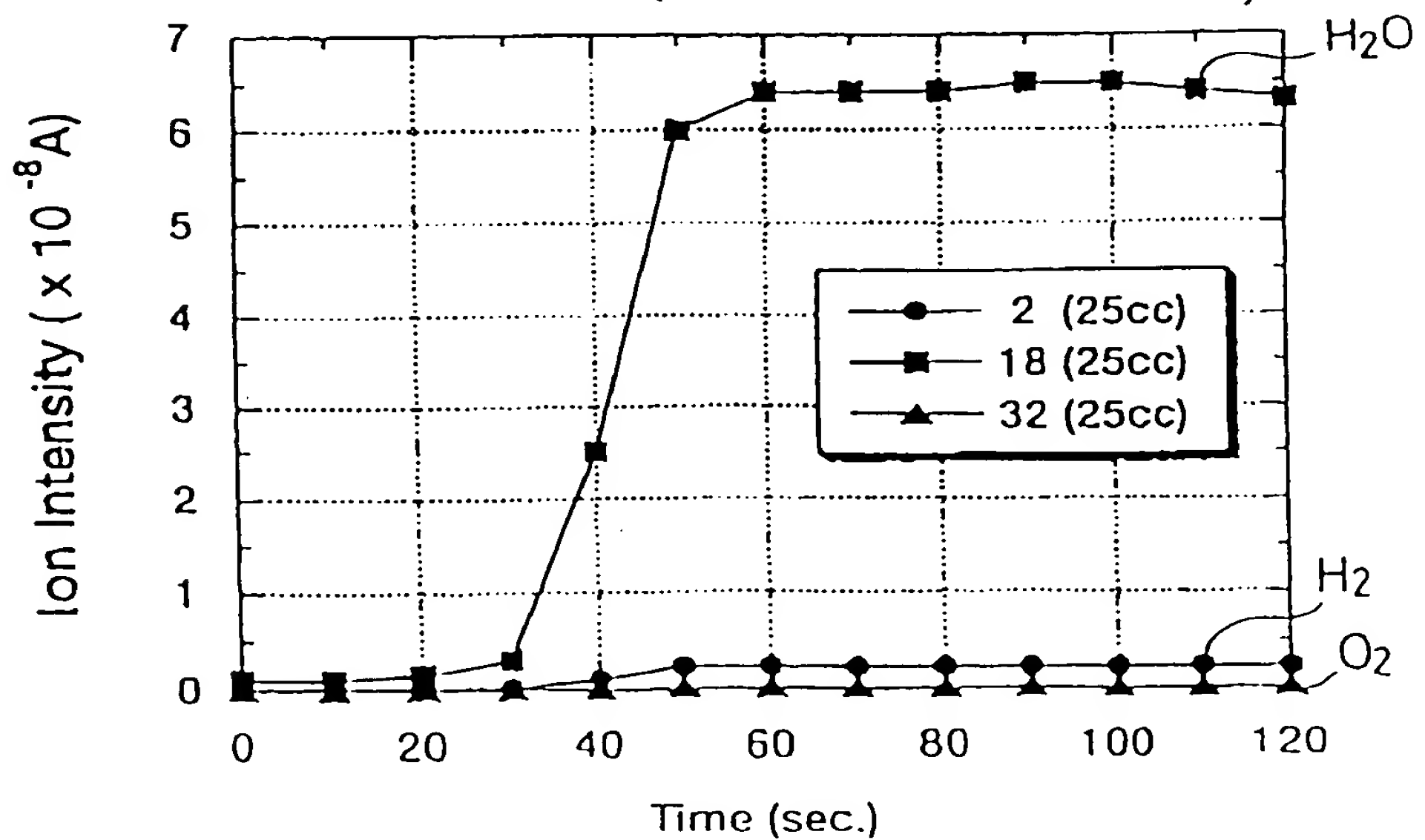


FIG. 24

500°C, 25scc/min
 RESPONSIVENESS (AFTER STOP OF GAS SUPPLY)



REPLACEMENT SHEET

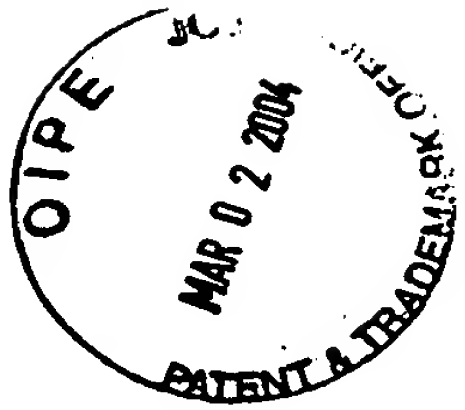


FIG. 25

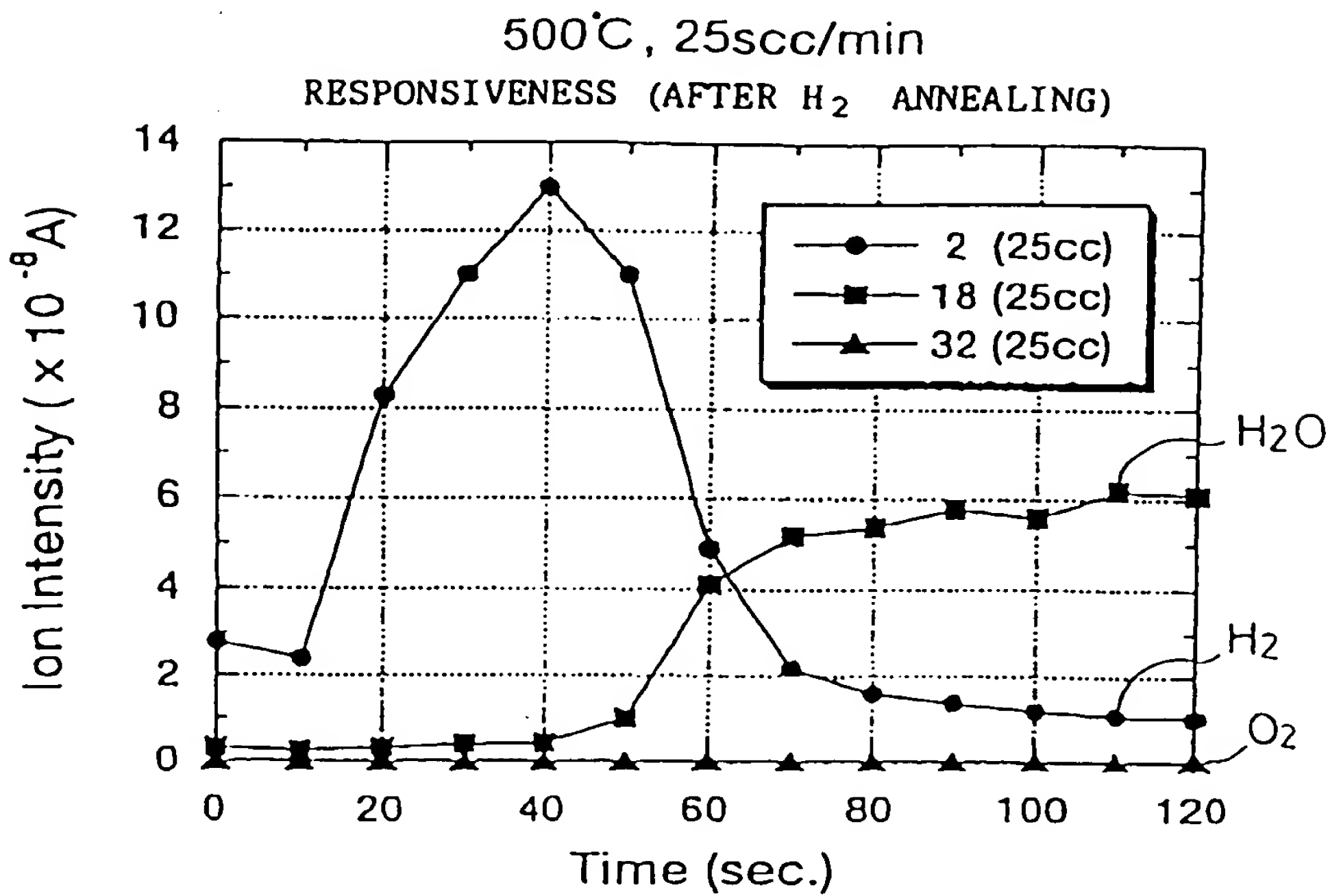
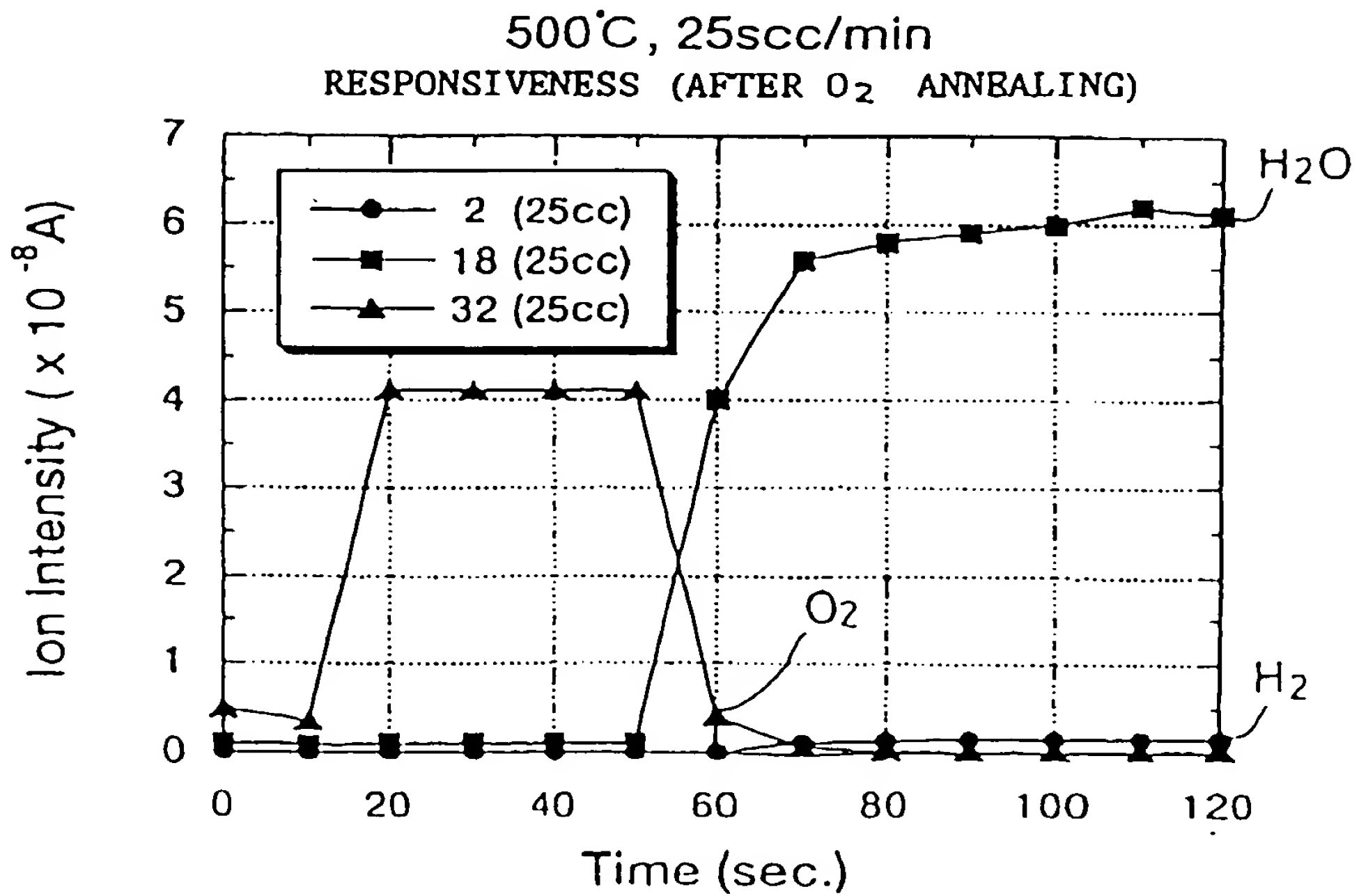


FIG. 26



REPLACEMENT SHEET

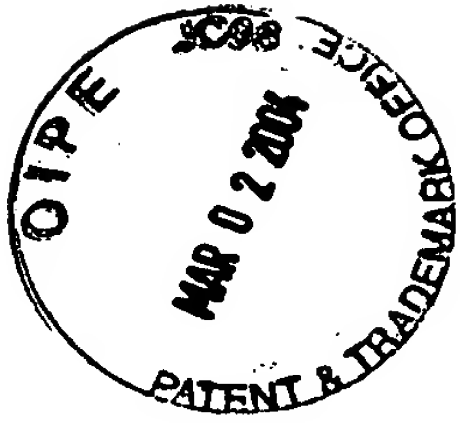
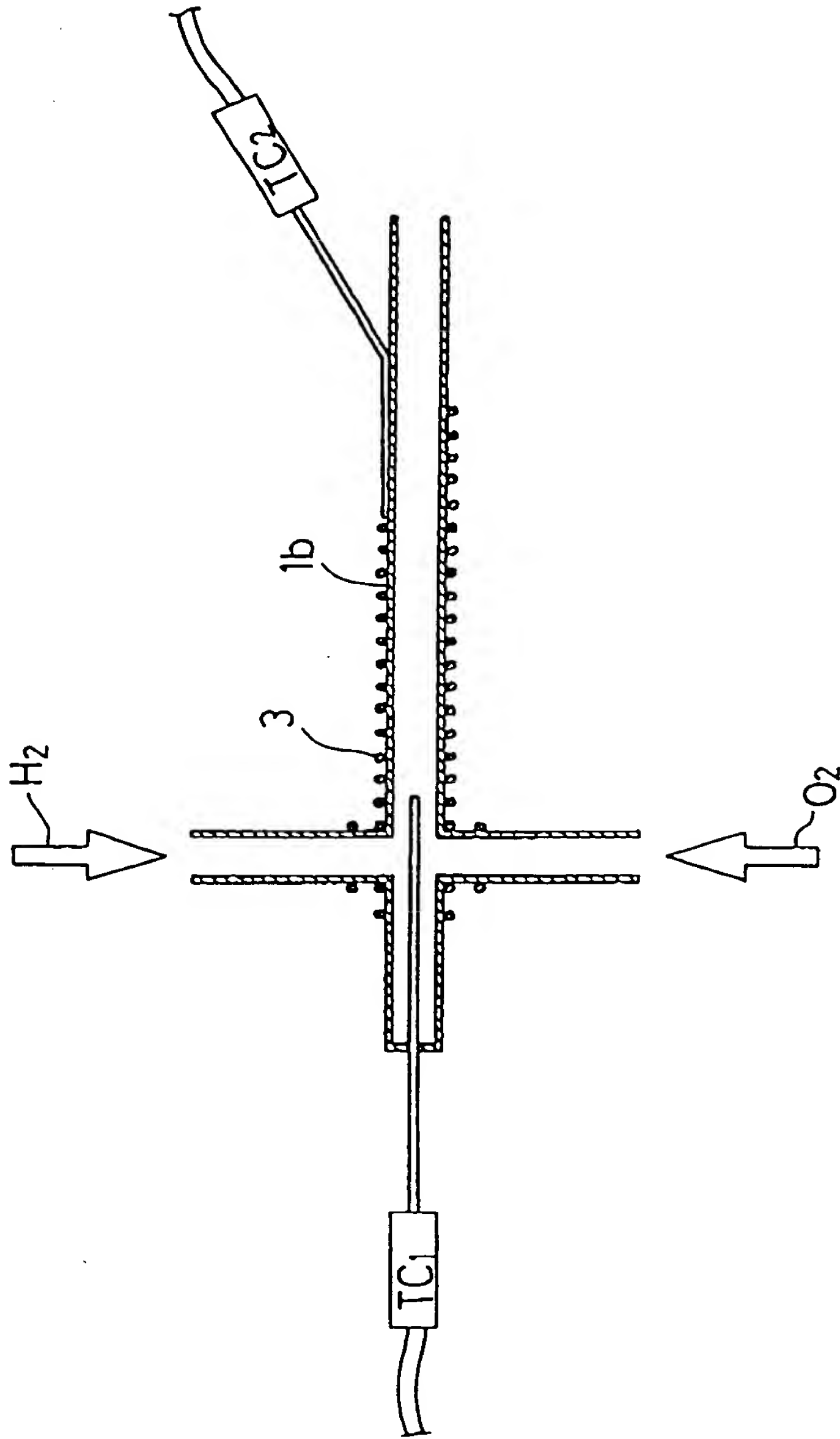


FIG. 27



REPLACEMENT SHEET

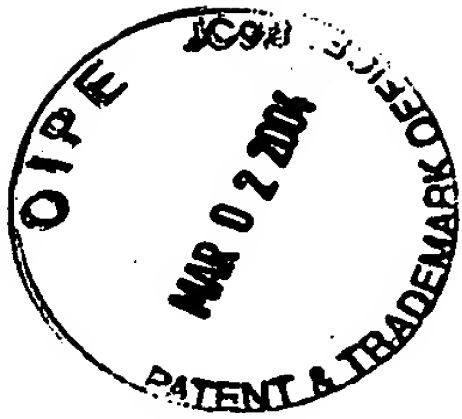
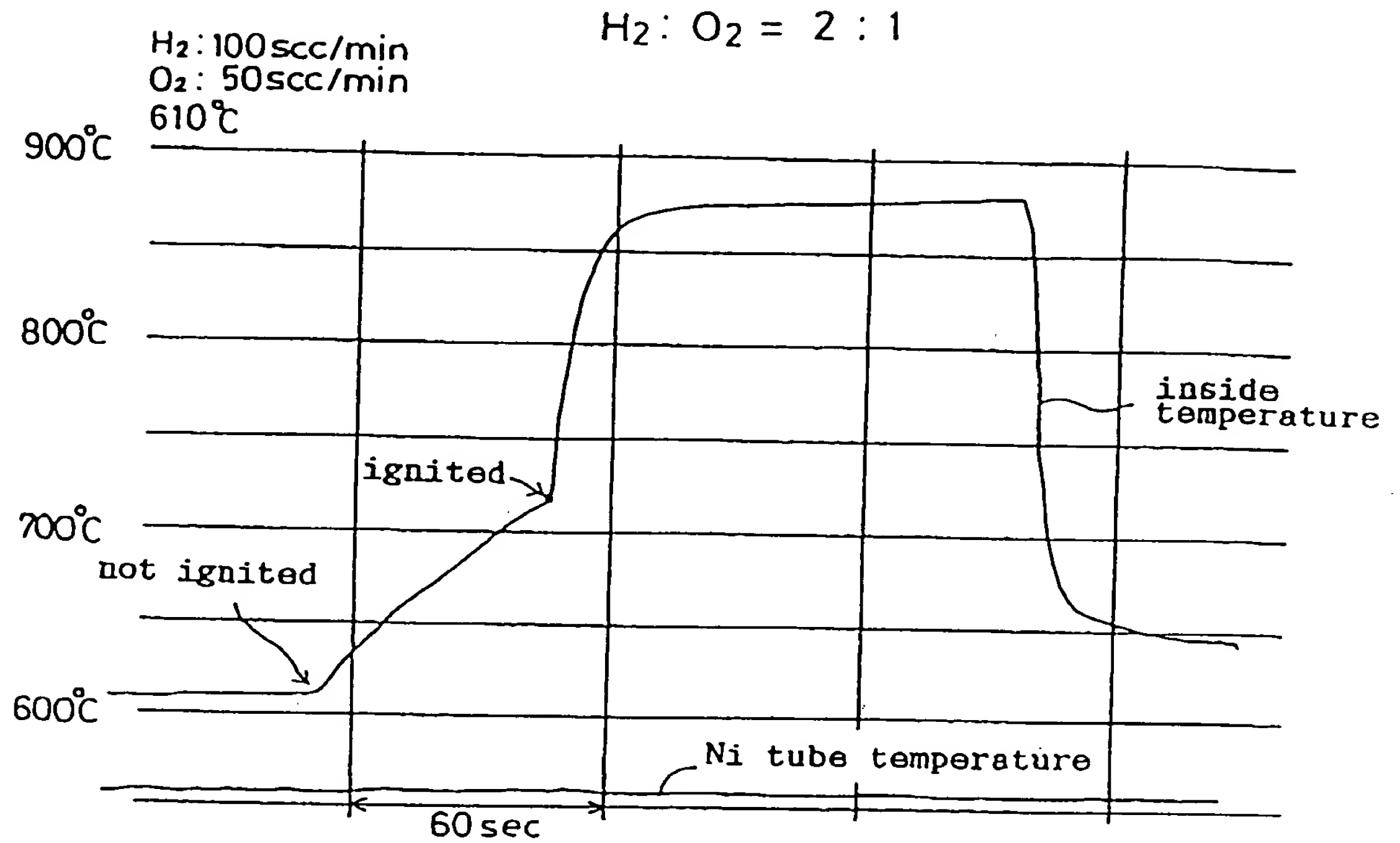


FIG. 28



REPLACEMENT SHEET

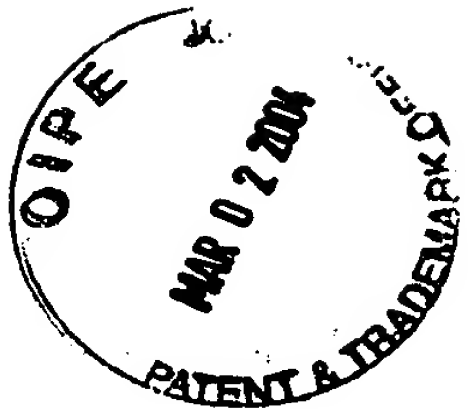


FIG. 29

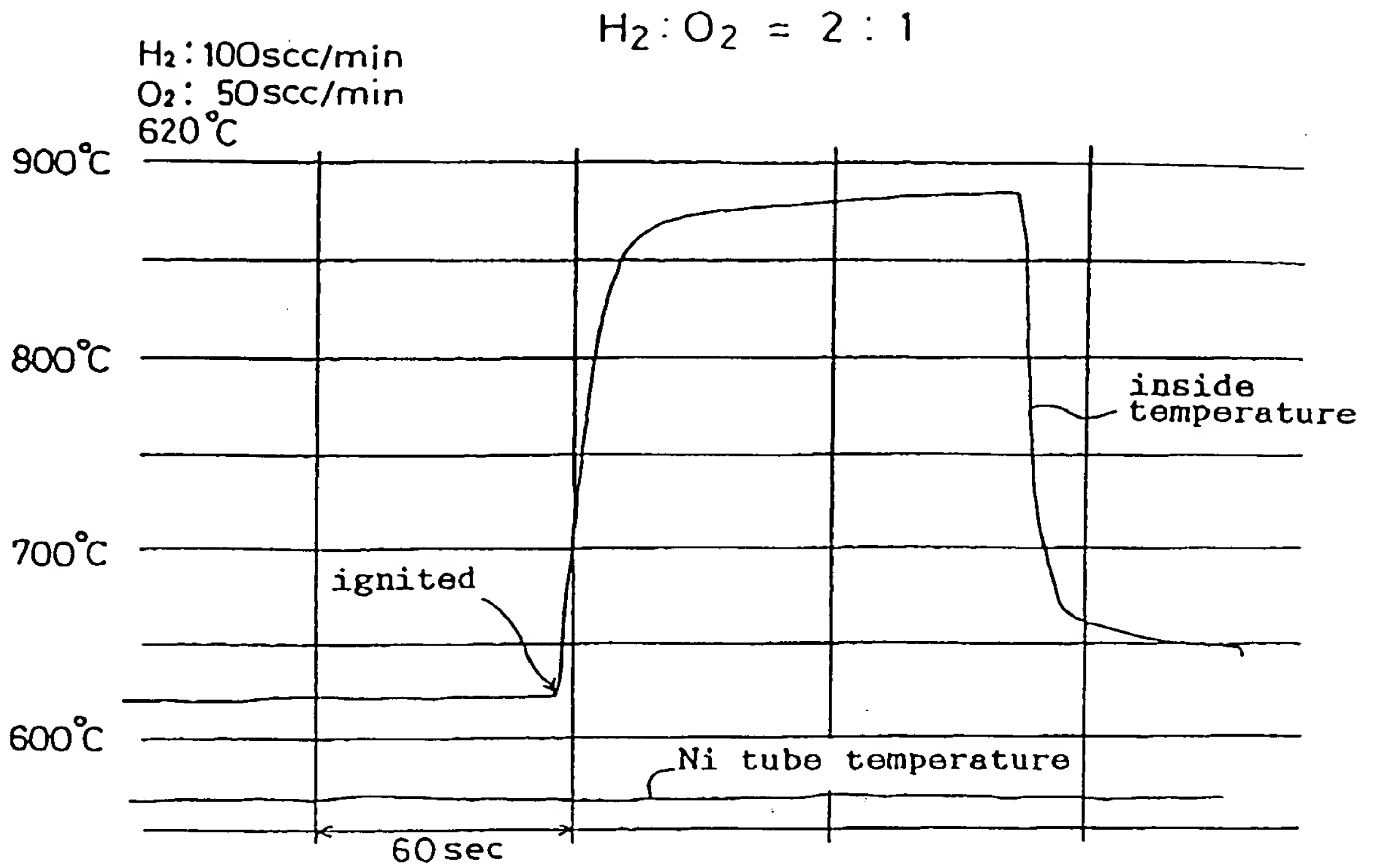
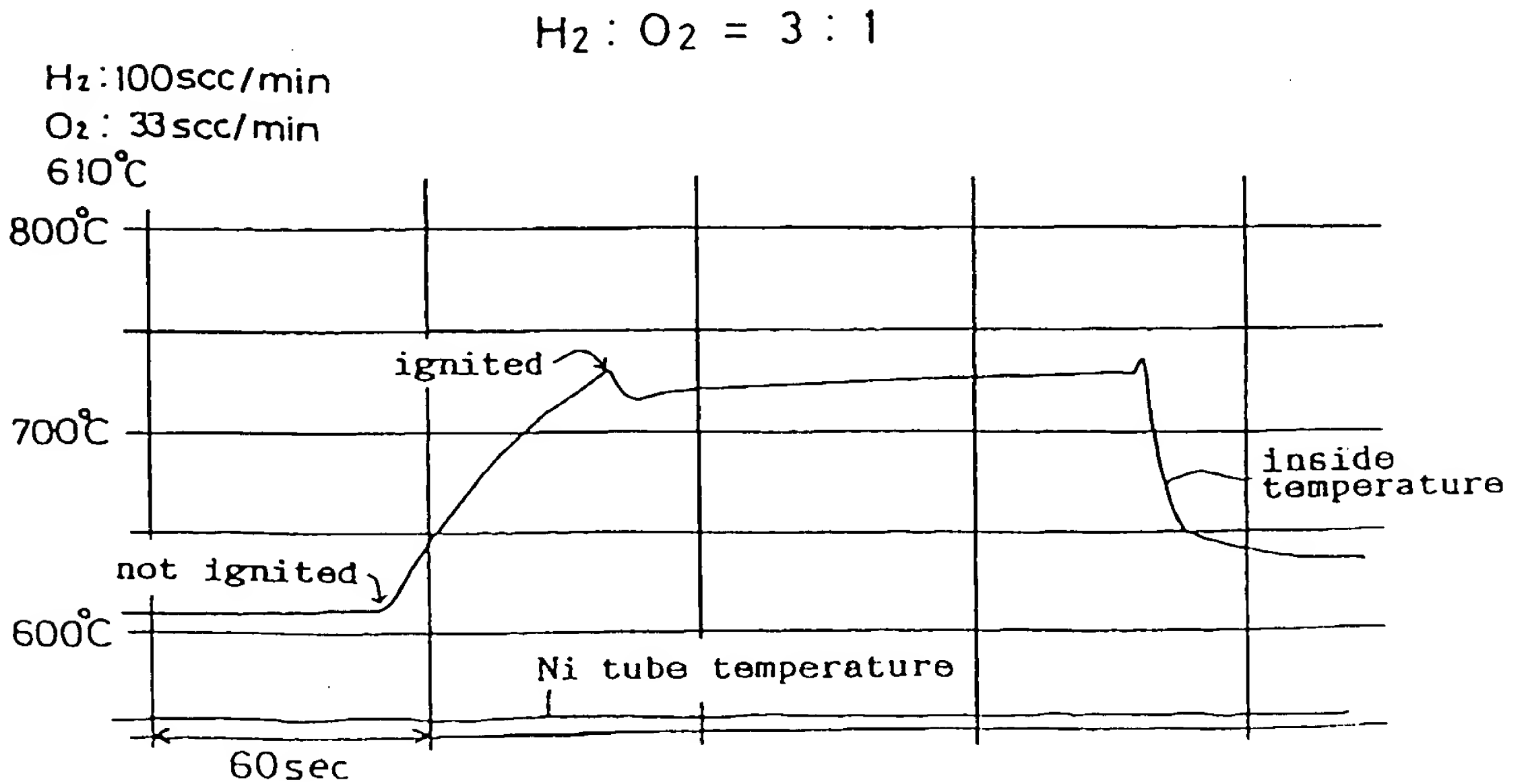


FIG. 30



REPLACEMENT SHEET

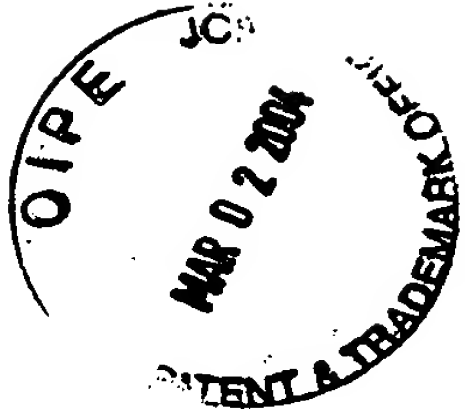
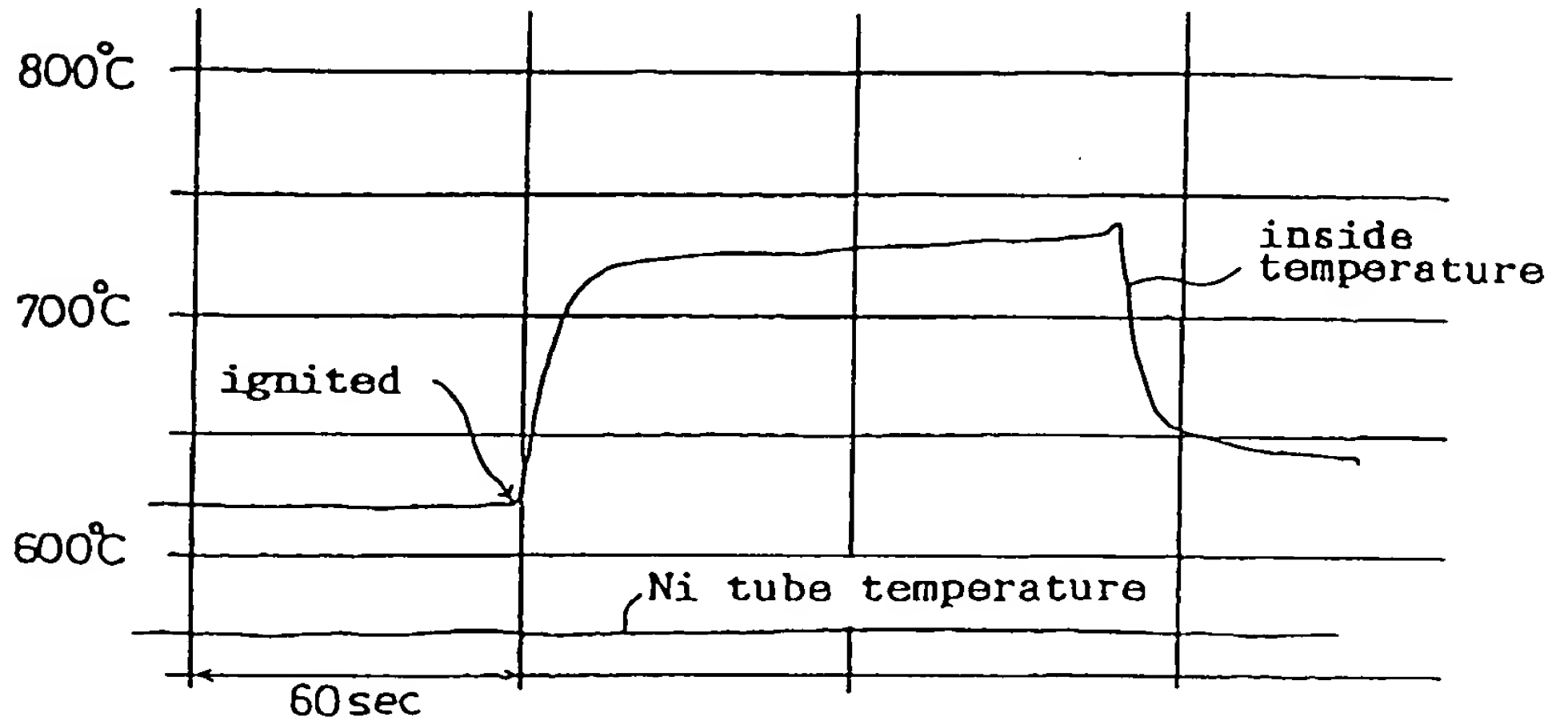


FIG. 31

H₂: 100scc/min
O₂: 33scc/min
620°C

H₂: O₂ = 3 : 1



REPLACEMENT SHEET

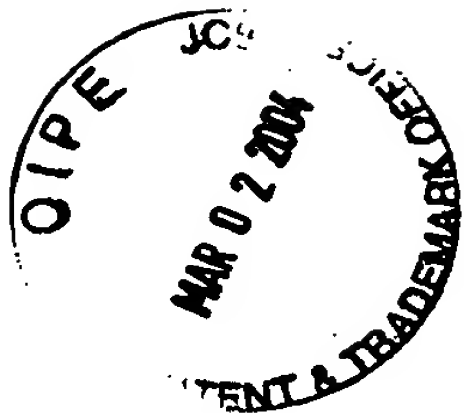
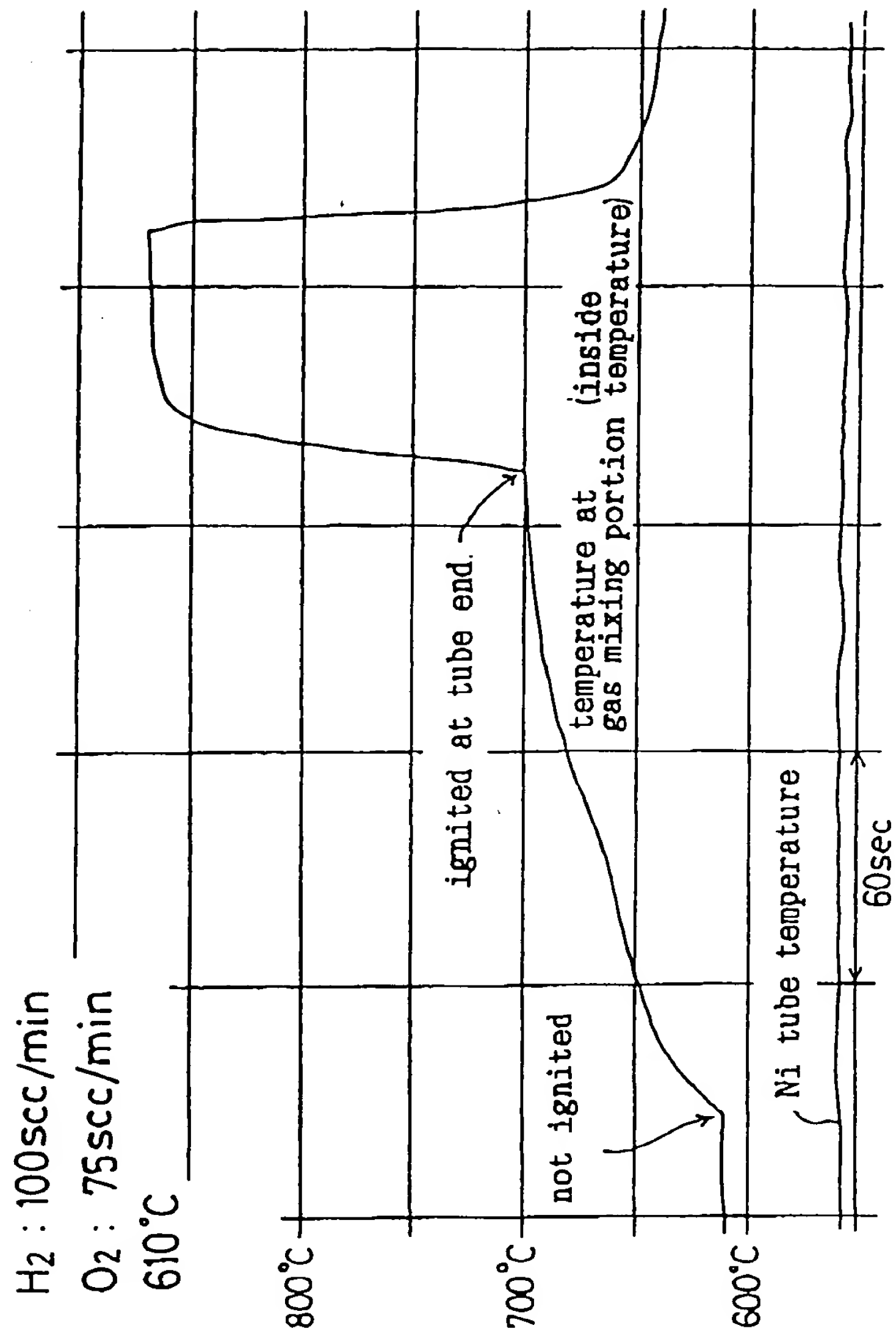


FIG. 32

$H_2 : O_2 = 4 : 3$



REPLACEMENT SHEET

FIG. 33

H₂ : 100scc/min

O₂ : 75scc/min

620°C

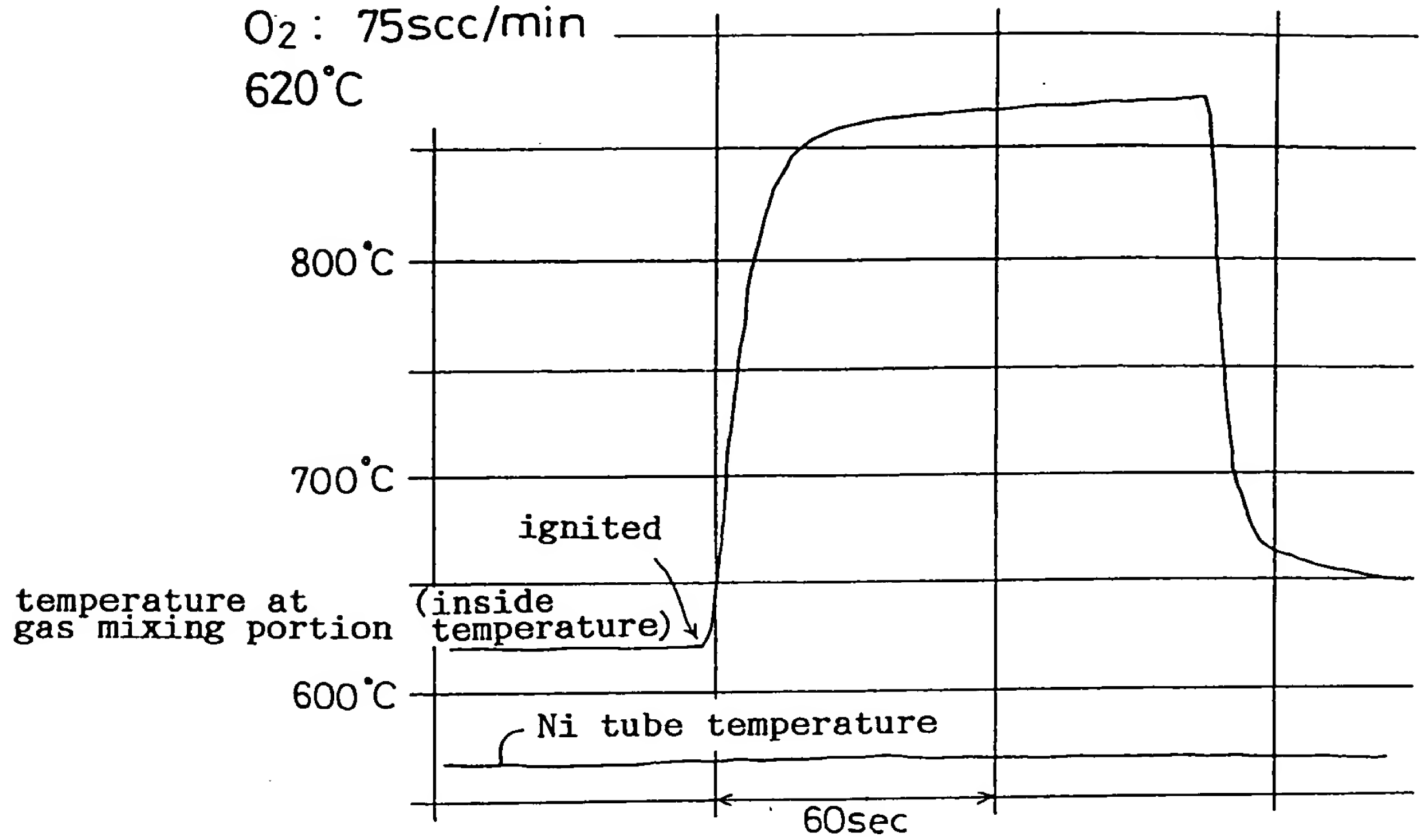
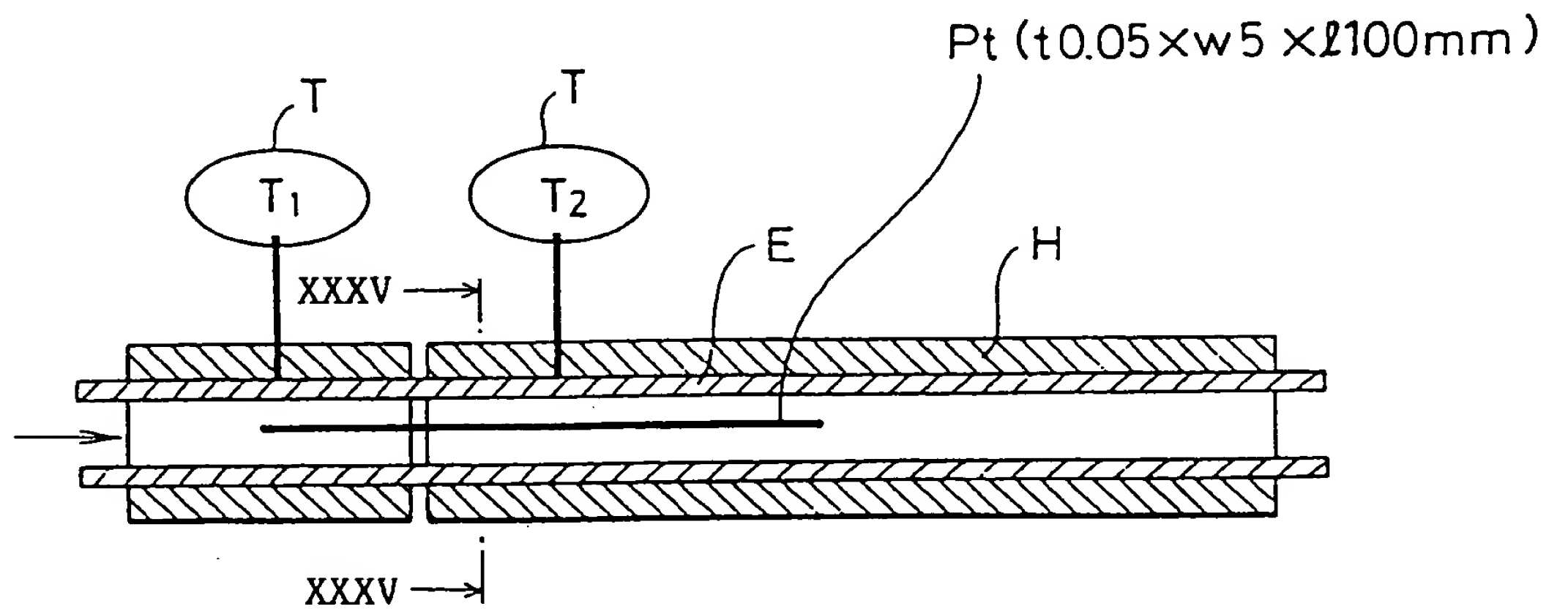


FIG. 34



REPLACEMENT SHEET

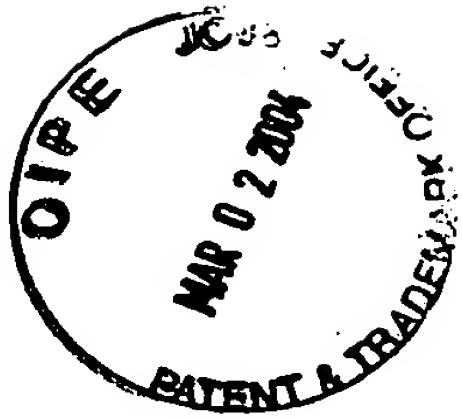


FIG. 35

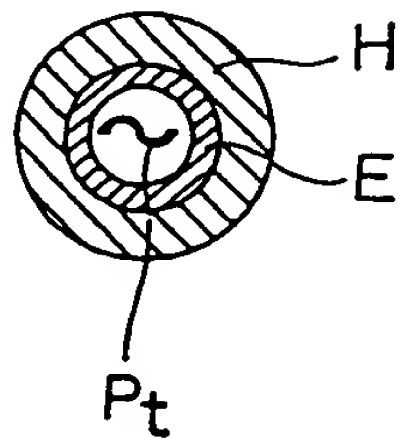


FIG. 36

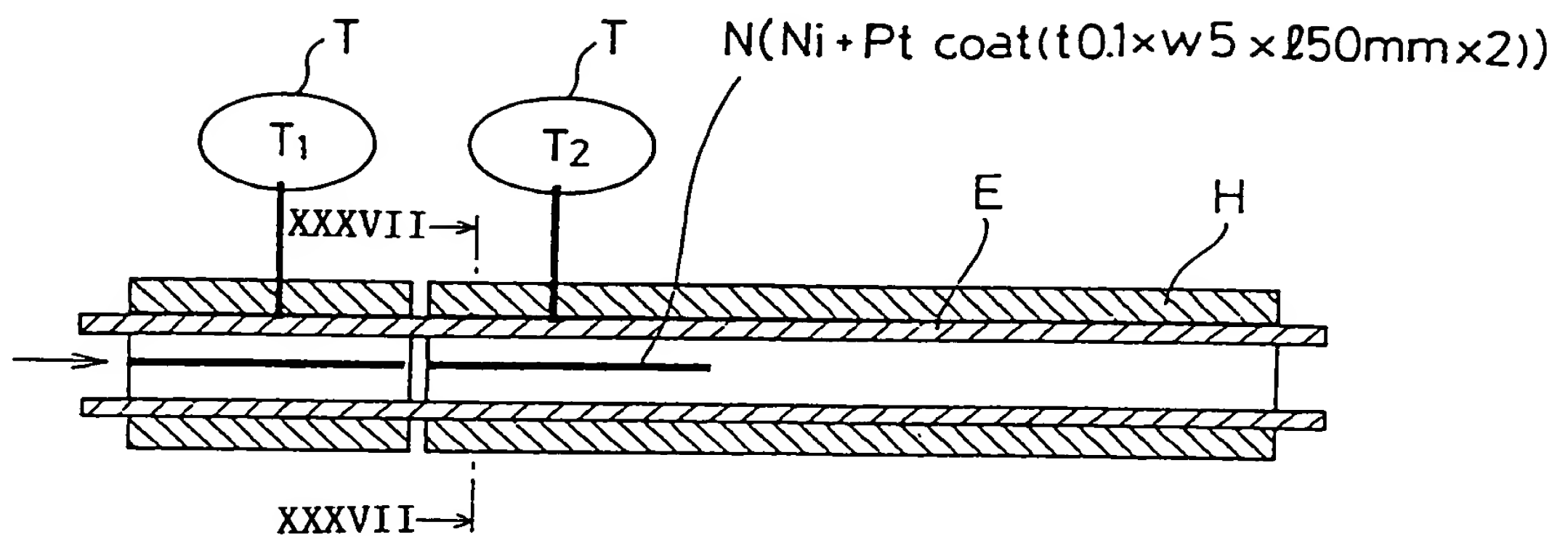
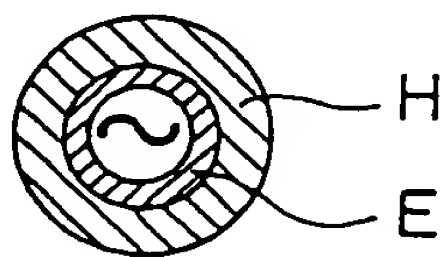


FIG. 37



REPLACEMENT SHEET

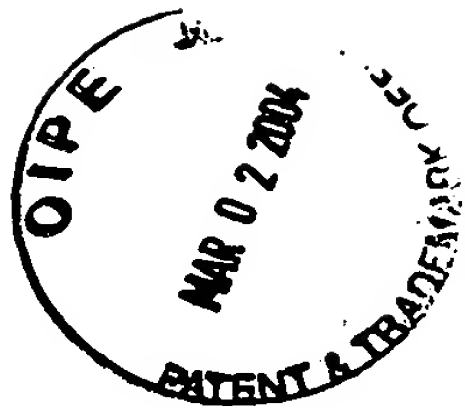


FIG. 38

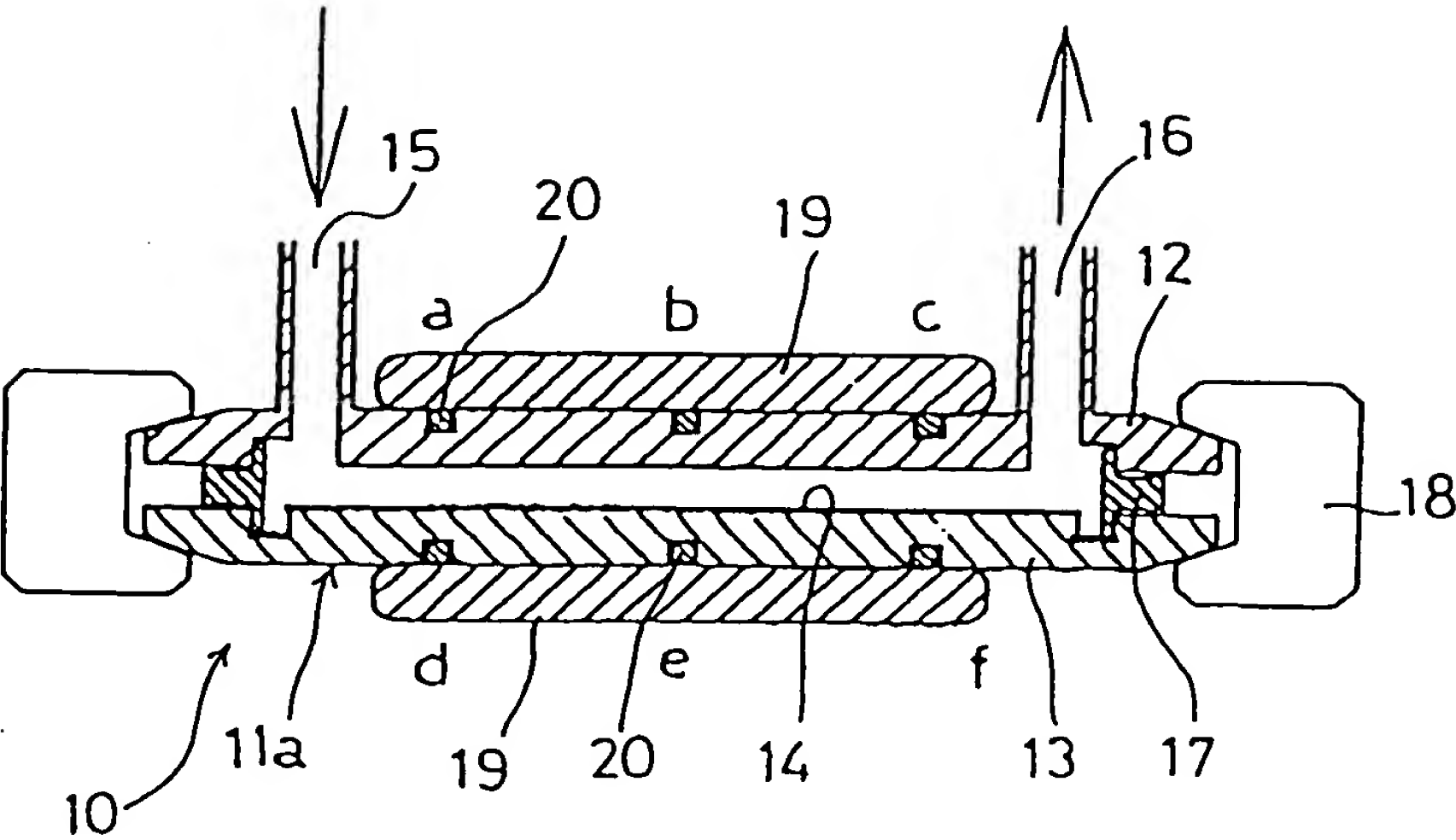
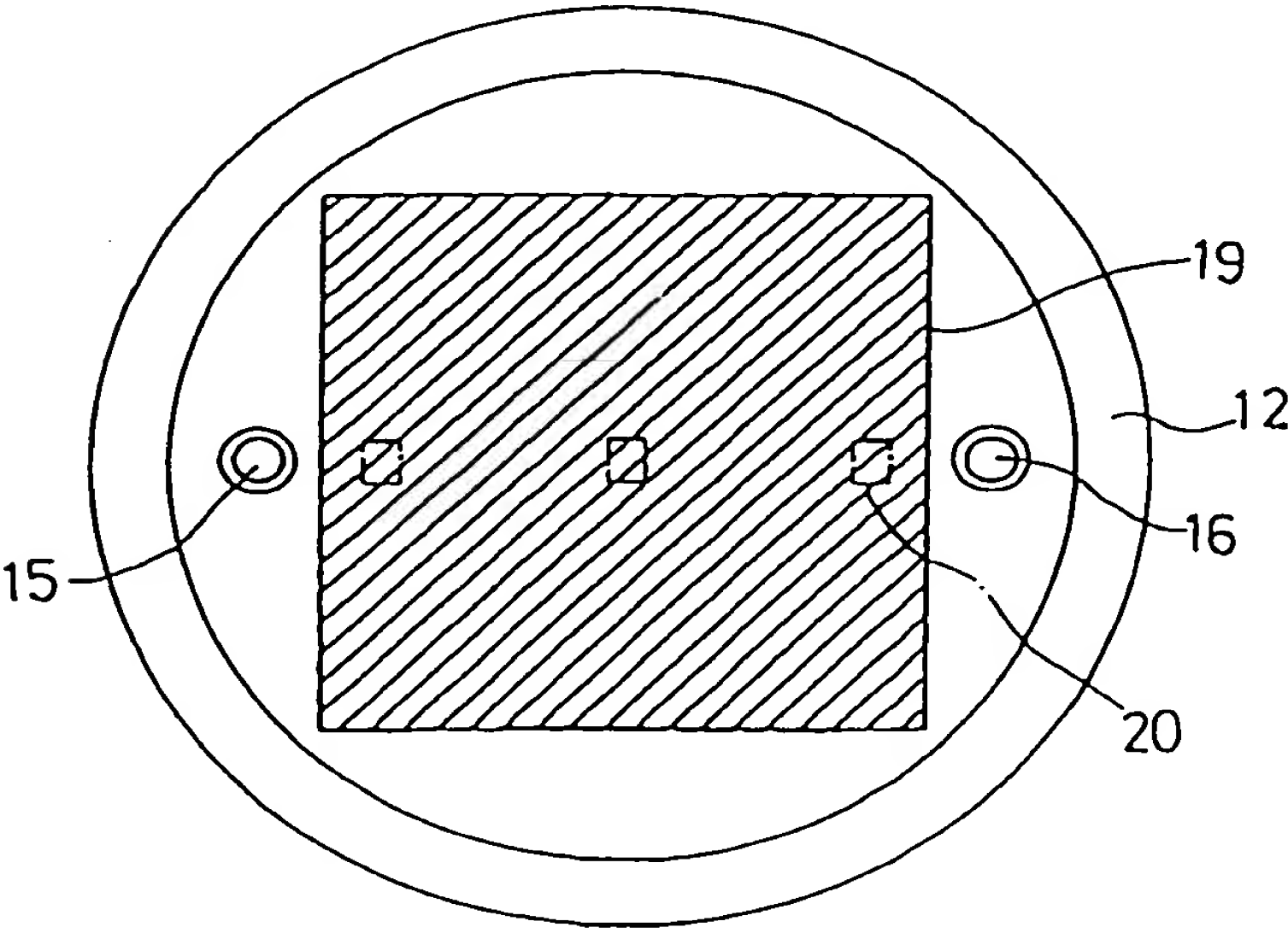


FIG. 39



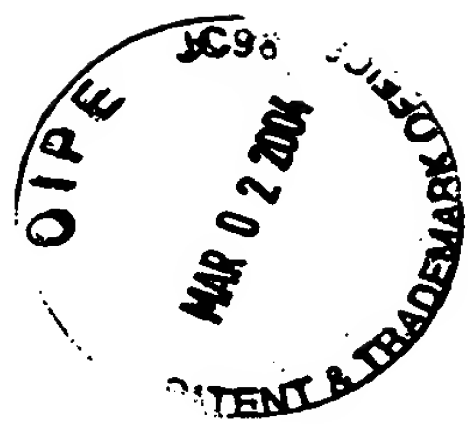
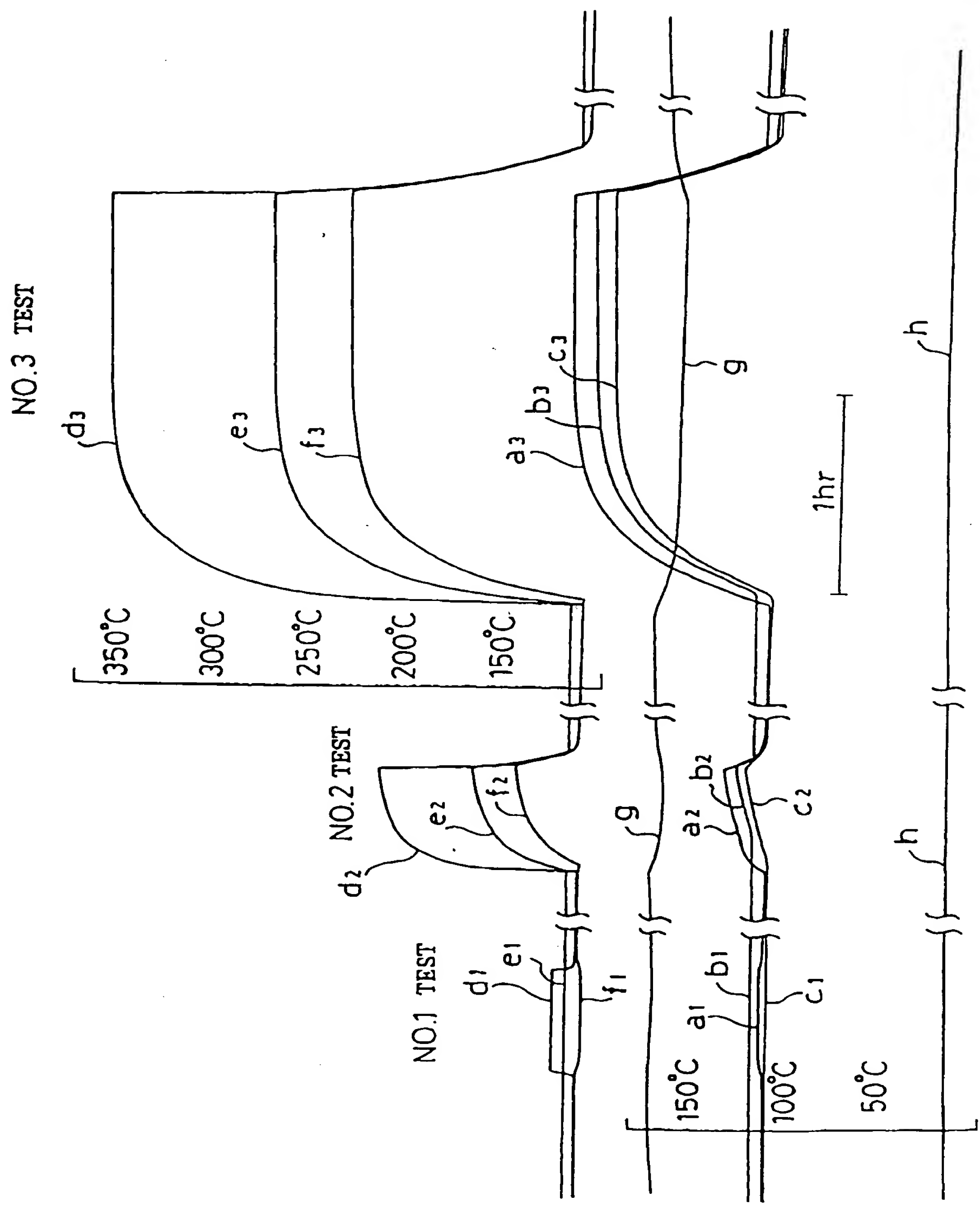


FIG. 40



REPLACEMENT SHEET

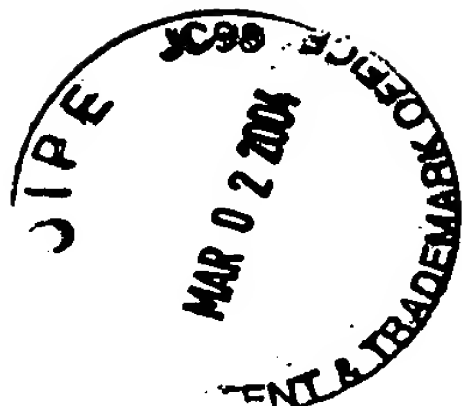
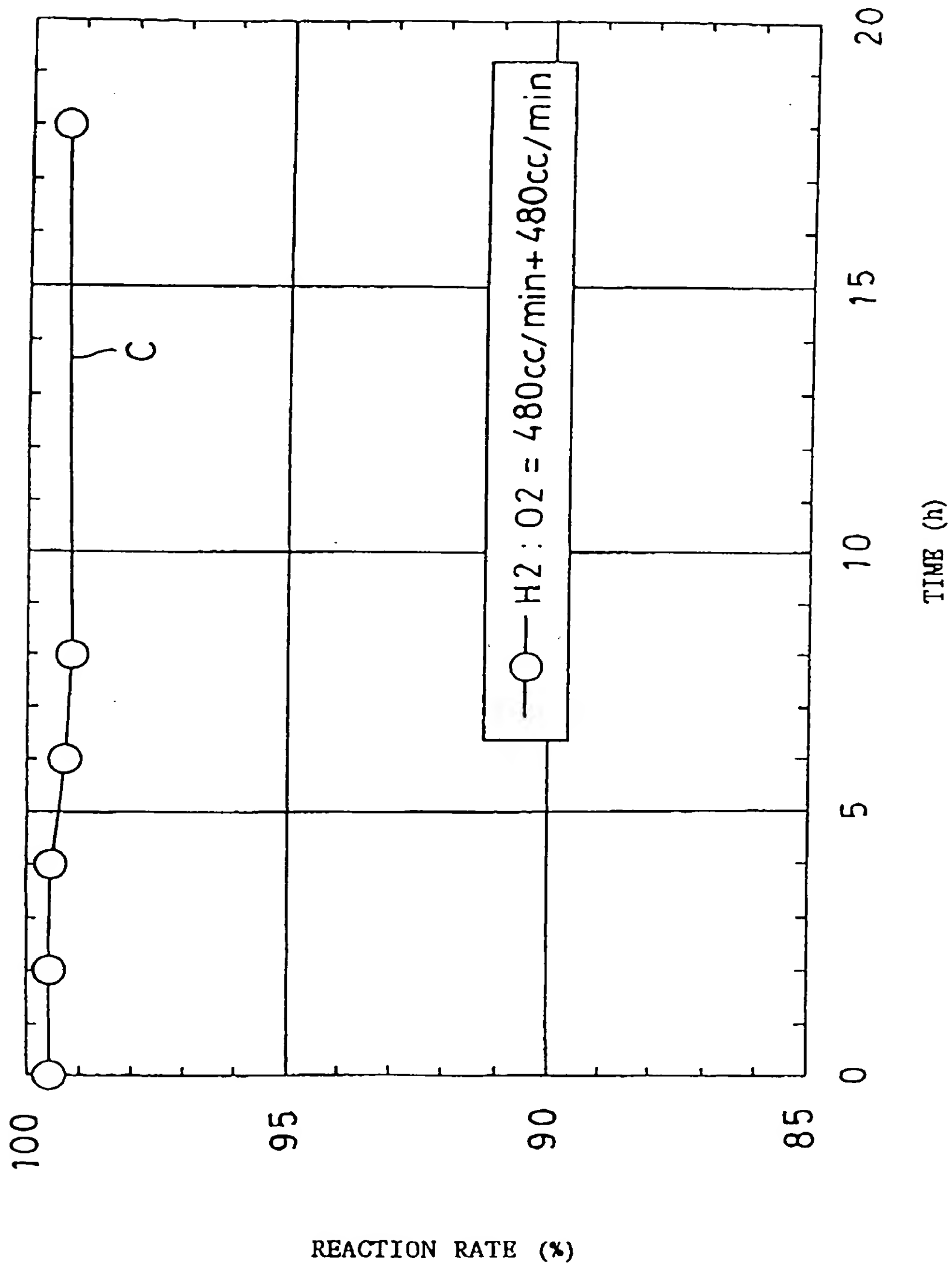


FIG. 41



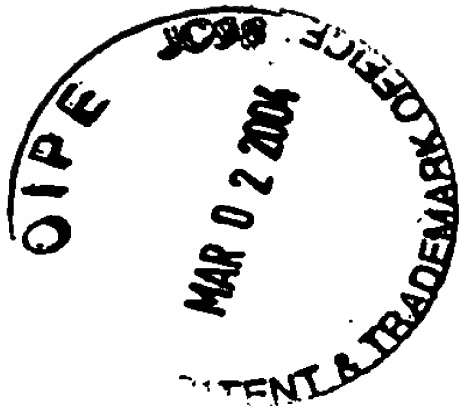
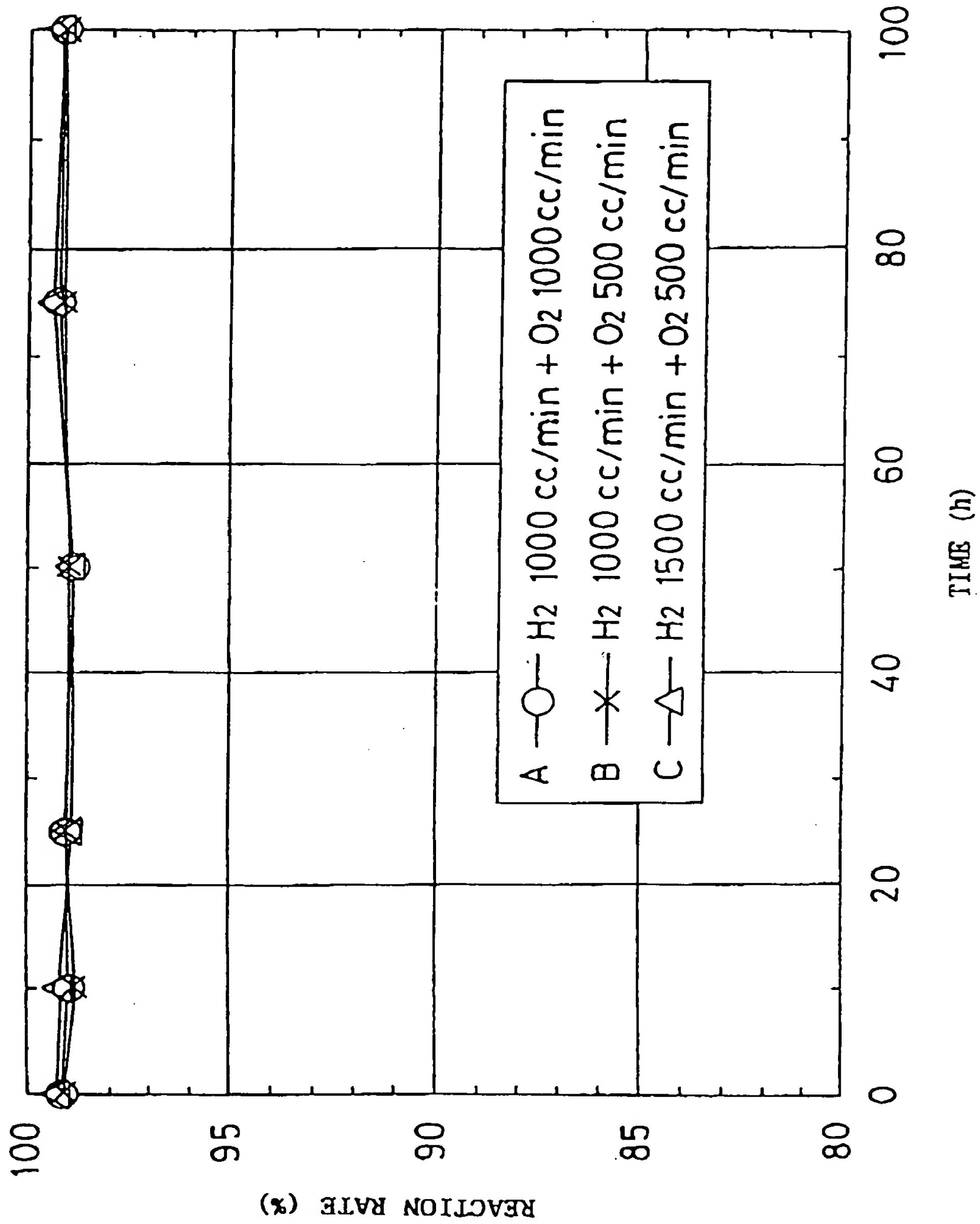


FIG. 42



REPLACEMENT SHEET

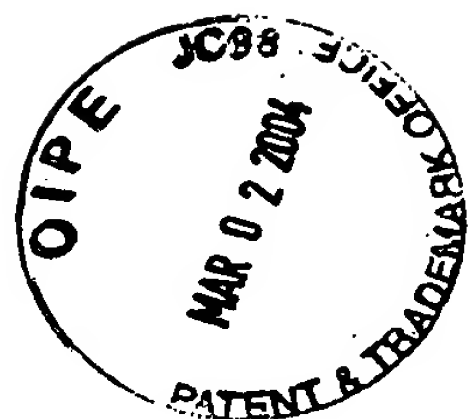
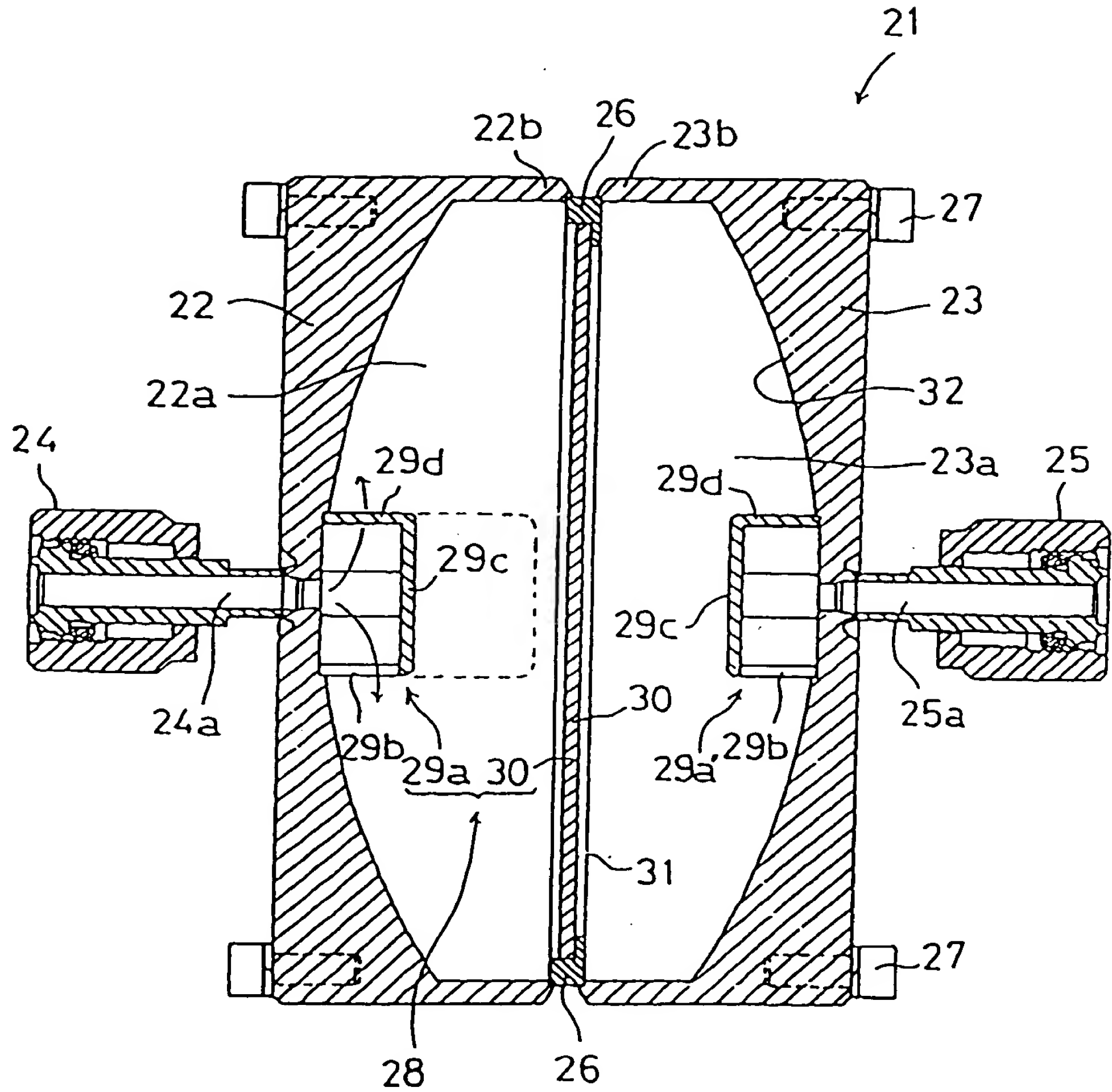


FIG. 43



REPLACEMENT SHEET

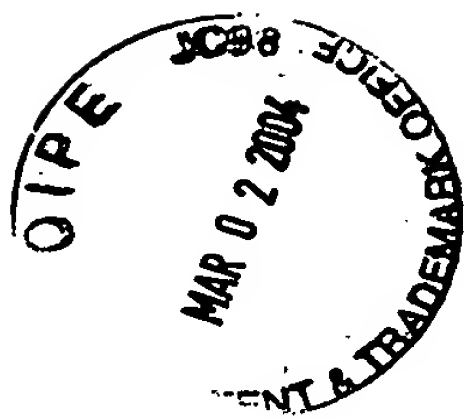
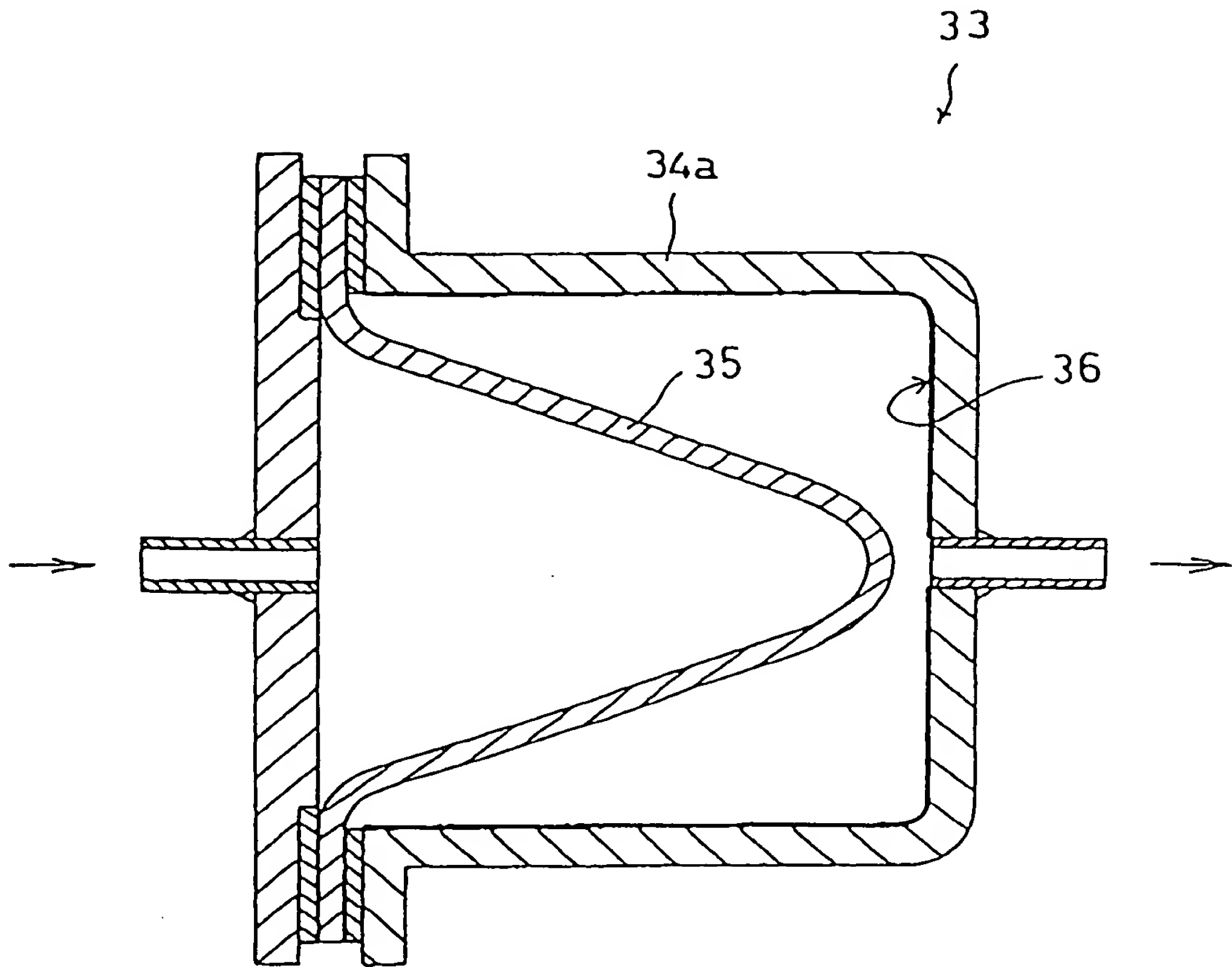


FIG. 44



REPLACEMENT SHEET

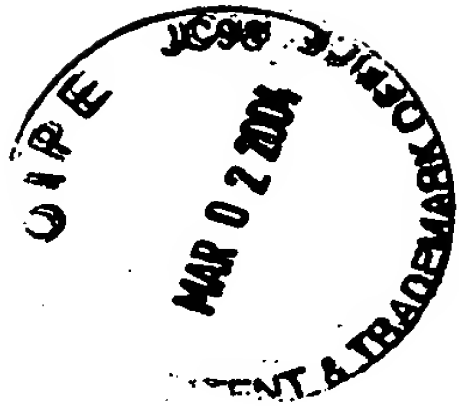
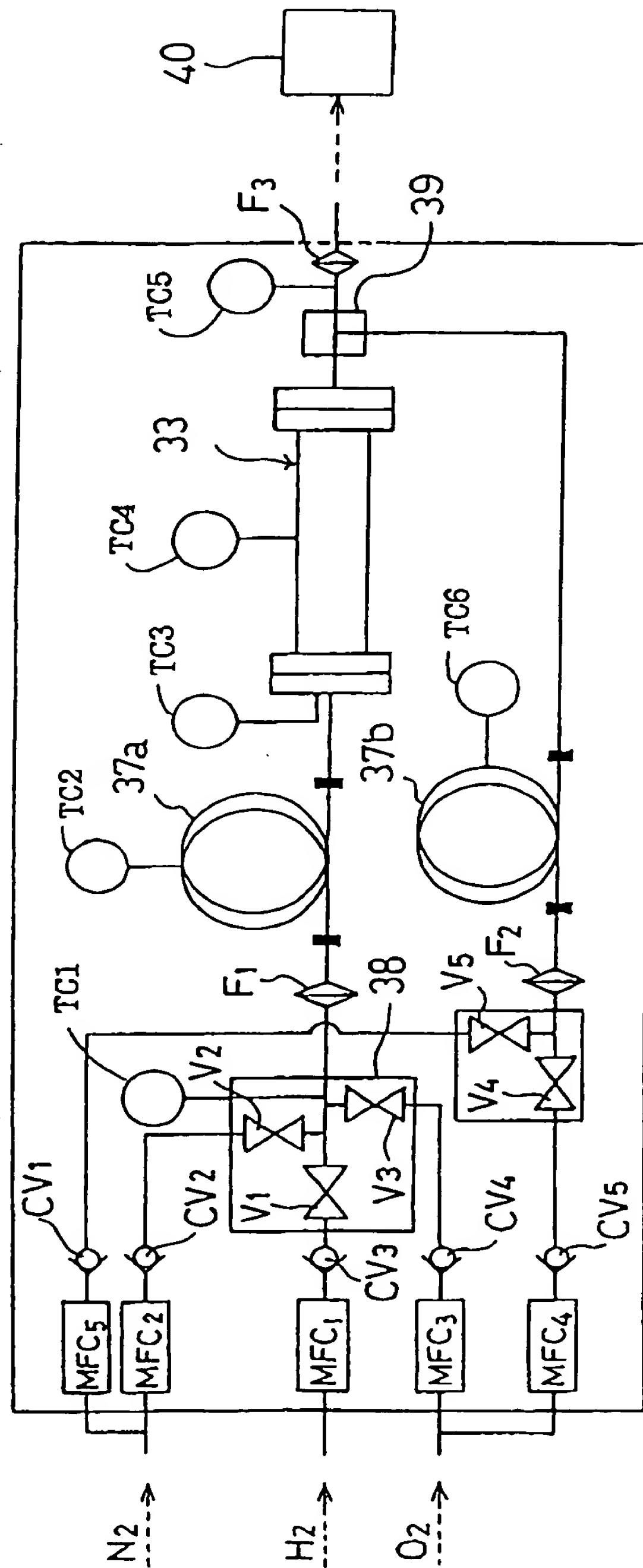


FIG. 45



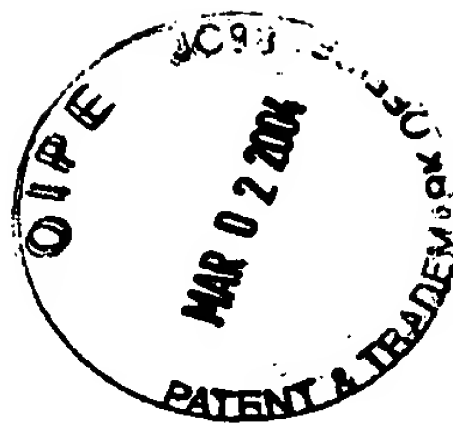
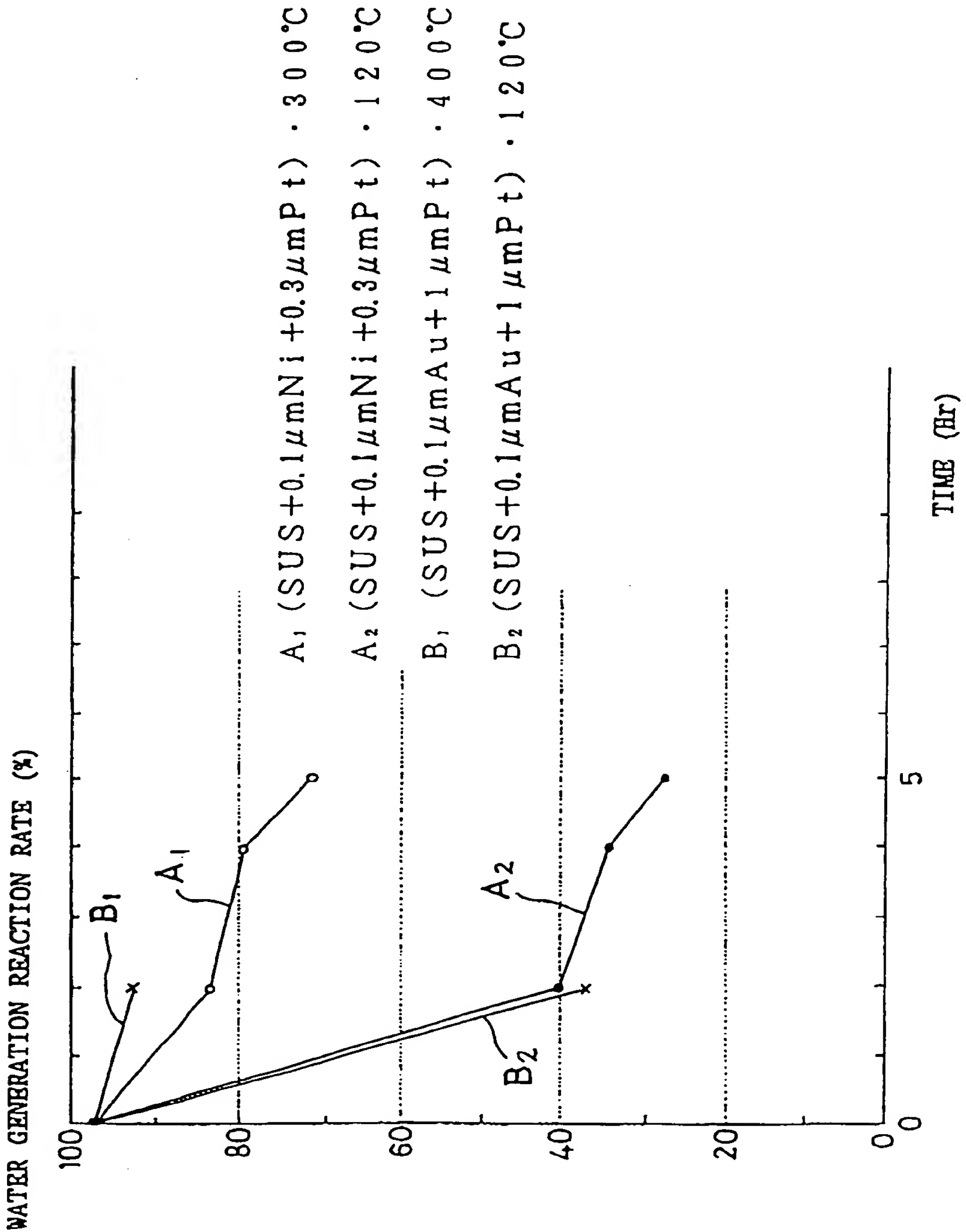


FIG. 46



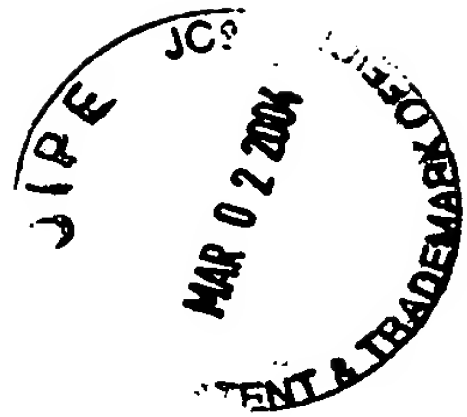
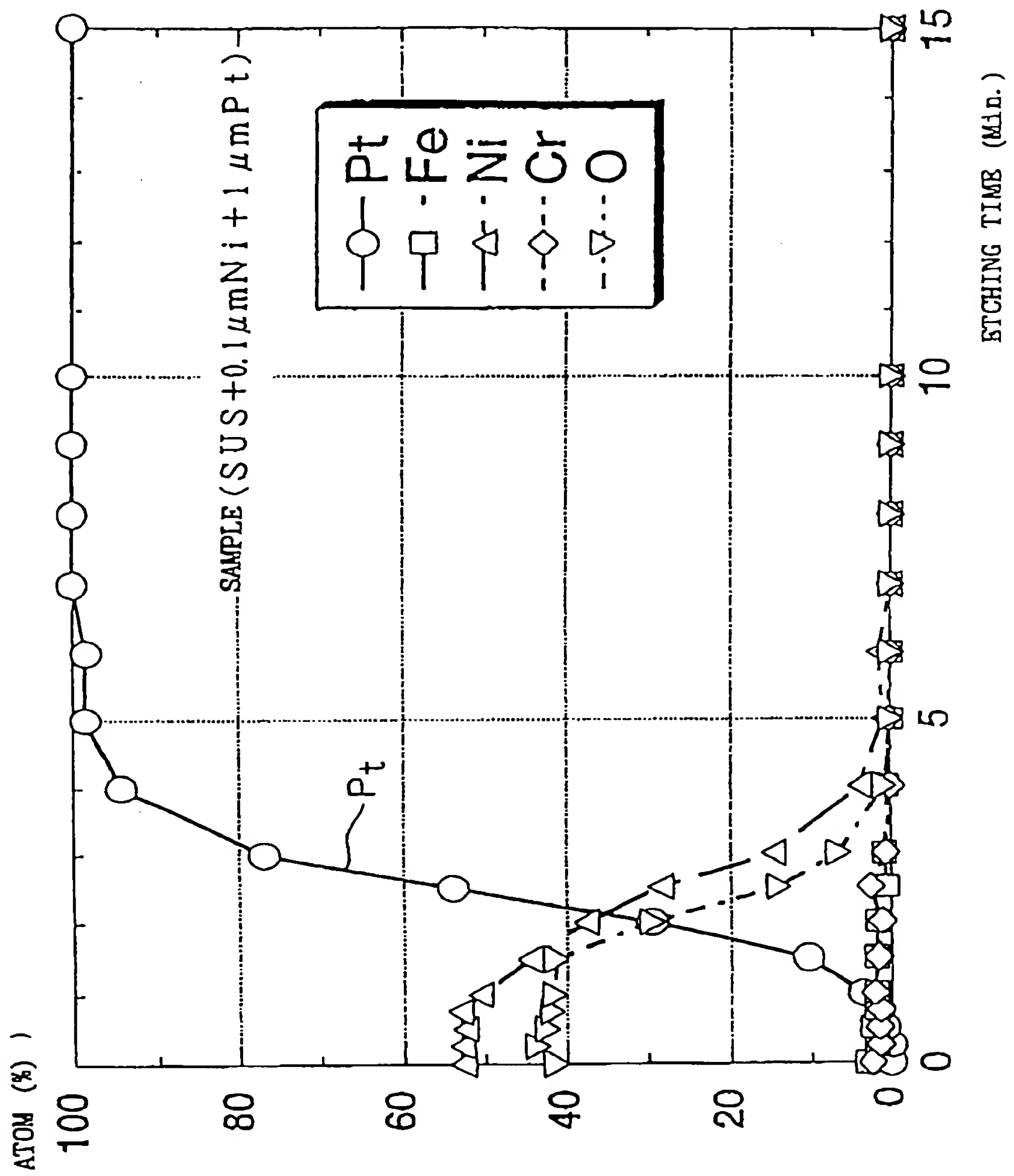


FIG. 47

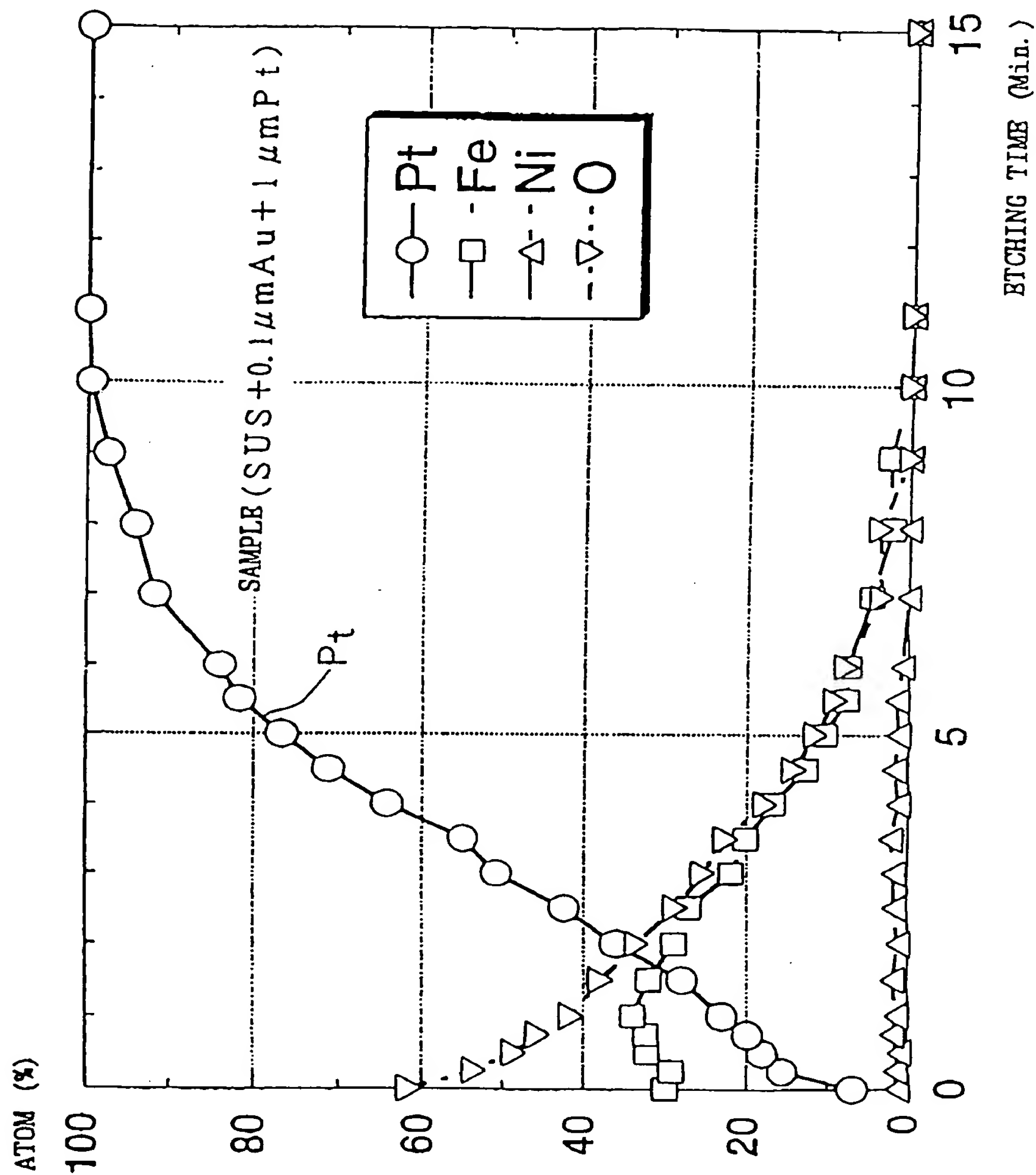


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FIG. 48



REPLACEMENT SHEET

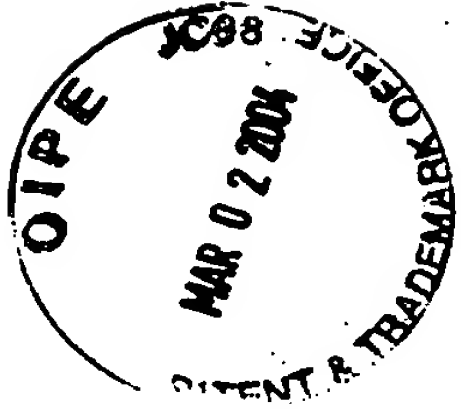
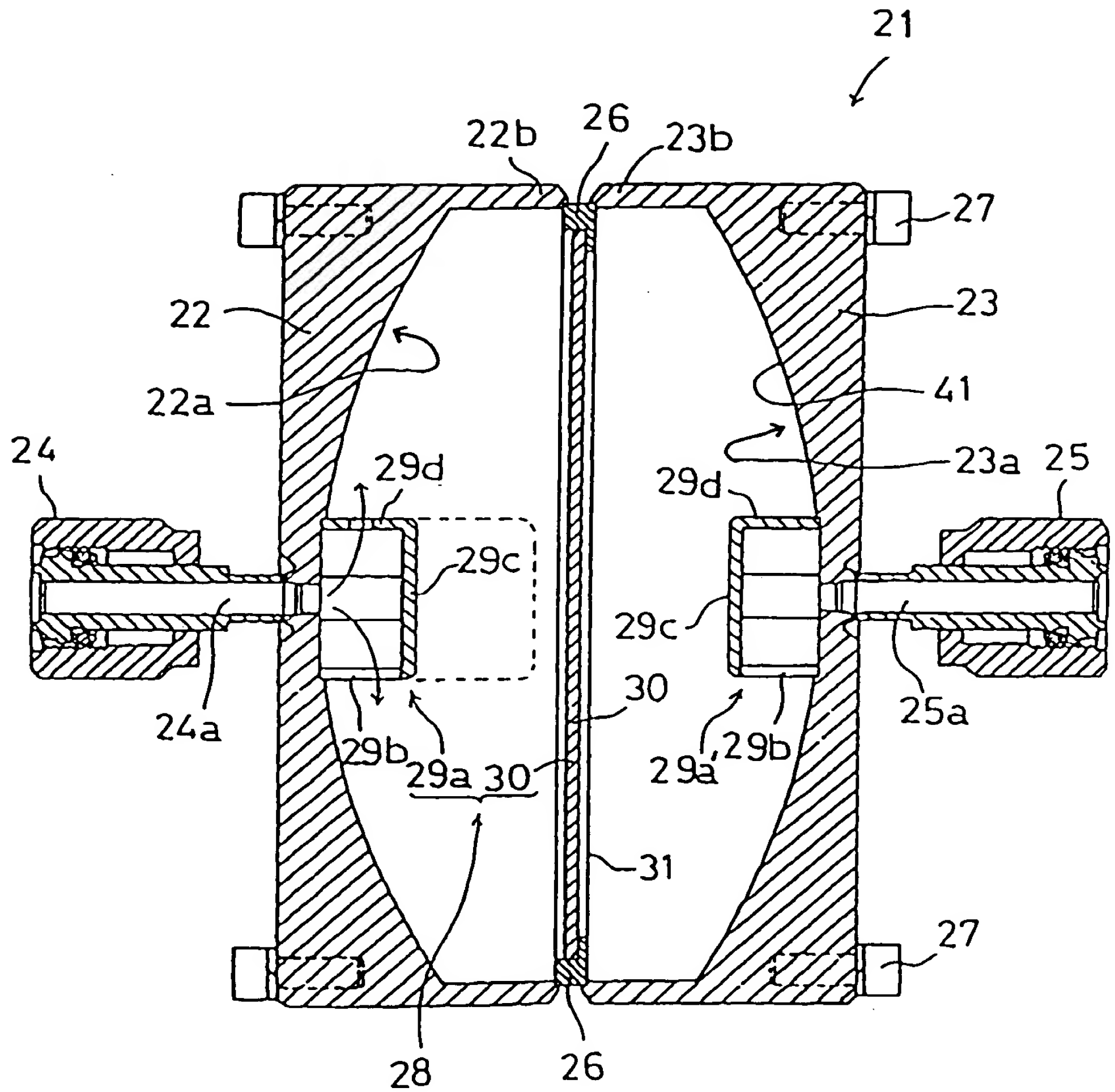


FIG. 49



REPLACEMENT SHEET

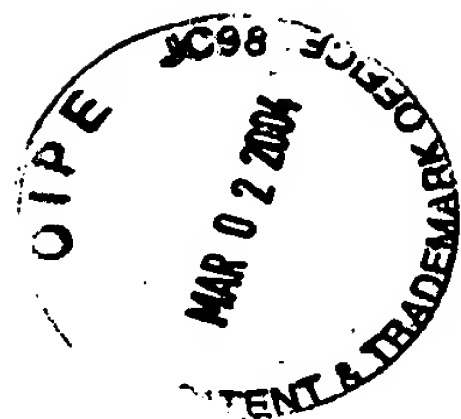


FIG. 50

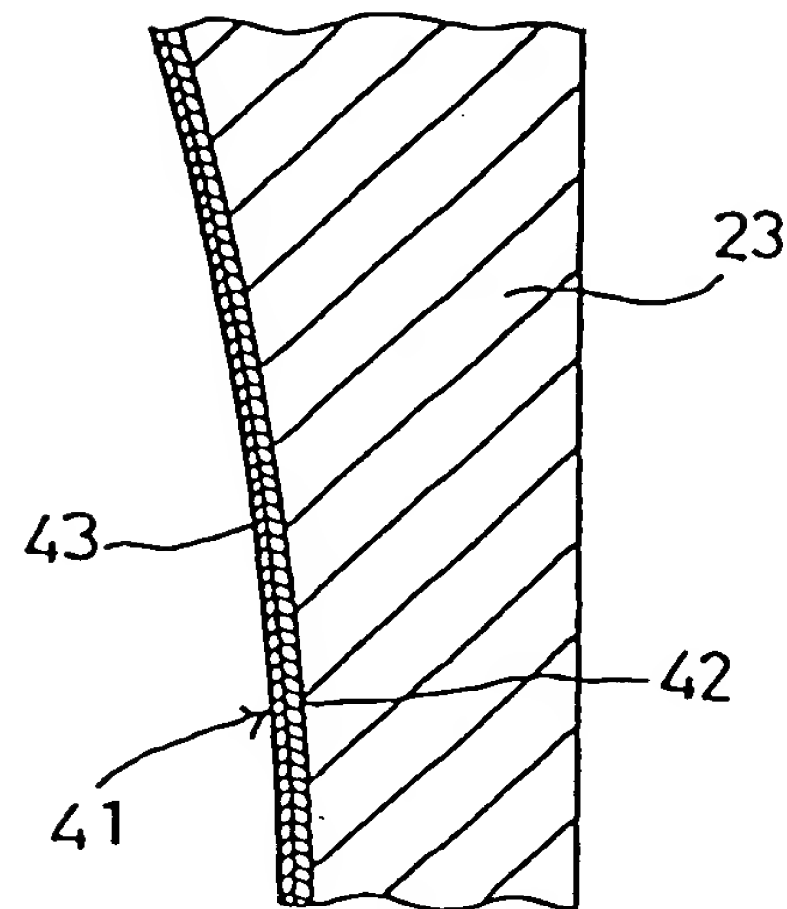
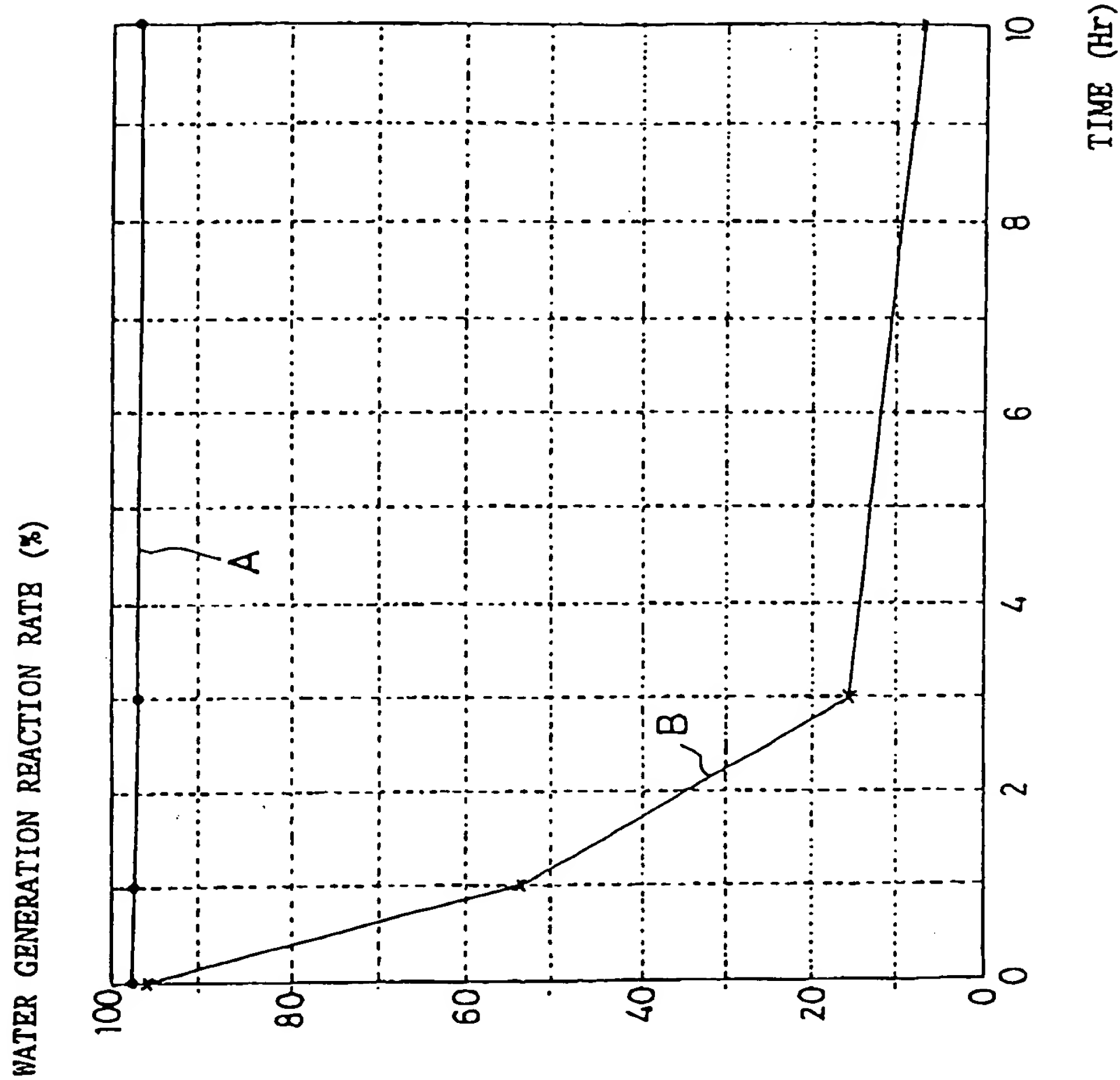




FIG. 51



REPLACEMENT SHEET

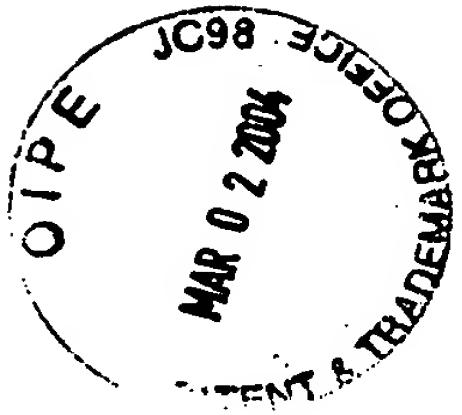


FIG. 52

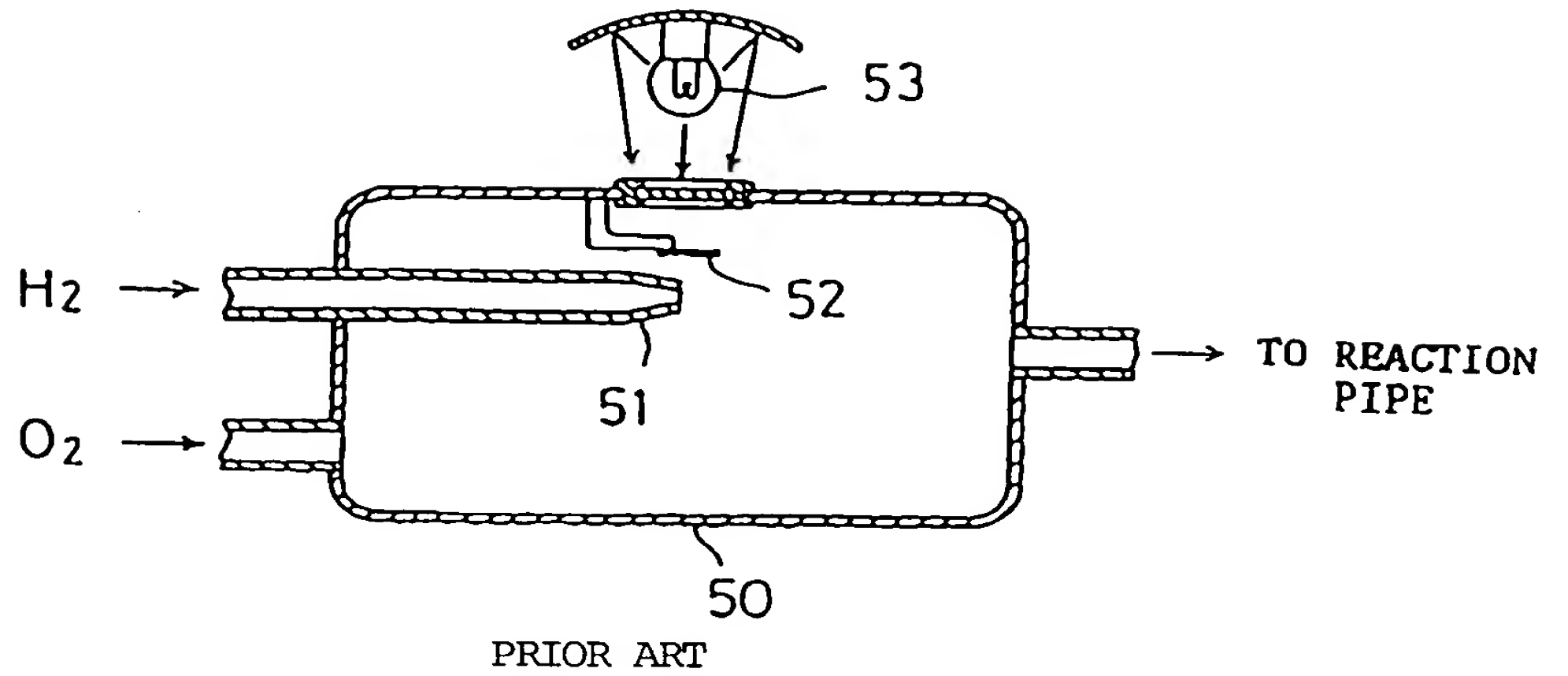


FIG. 53

